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APPROVAL

This Project titled “Diagnostic Assistant” , Submitted by Md.AI-Amin, ID No:181-16-291, to the Department of Computing & Information Systems, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computing & Information Systems and approved as to its style and contents. The presentation has been held on 19-07-2020.

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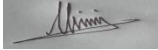
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Md.Al-Amin

ID: 181-16-291, Dept. of CIS

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Dedicated
To
My Beloved parents

Executive summary:

This project is about giving medical services like diagnostic tests, doctor's appointment and drugs delivery through online platform among the people of our country. People of country usually cannot collect all information about these service at a glance. For this reason, they suffer a lot. Using this system, they can easily find out the doctor and make appointment with that doctors. Besides, they will be able to search various diagnostic tests and make an appointment for performing various types of tests. Using this system people also getting drugs through uploading prescription or select drugs from the store and making order. All the partners of this system like Lab, pharmacy, Doctor have to be registered in this system after giving location verification and TIN certificate and license certificate for verification.

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Chapter: 1 (introduction)

- ✚ Initial description of the total project.
- ✚ Document Context.

1.1 Initial description of the project

all kind of information about medical sector is very much important for people in our country. Information about Diagnostic test is an important process for a patient and the guardian of that patients. Doctor suggests to patients about many diagnostic tests for individual's treatment. By doing diagnostic test patients and doctor can see the actual situation of the diseases and the actual amount of damaged happen to body for that diseases. So diagnostic test plays a big role for detecting the diseases of patients by doctor. Patients go to the various hospital, clinic and diagnostic center for complete many tests. There are lots of hospital, clinic and diagnostic center for doing various test. If user and patients can see in all types of tests information and their price in a website, it will be very easy for user for selecting various tests and their price. User will get the details of every test. I will develop a project about diagnostic assistant which will help the user and patients for finding the various tests and the price of this test. in this system there will be three types of dashboard panel, one for client, one for all partners (Lab, Doctor and pharmacy) and one for admin. In client dashboard panel they will be selects three departments and see every departments activity and following the procedure. After selecting lab department clients will see all types of available test and lab location. They will also able to see the others lab location in their location. For Doctor department clients will see the available Doctor list and their branch locations. In Pharmacy department client will see the available pharmacy branches and available drugs list for ordering. Finally, after accepting the request from the partners and admin all information will be shown in the client's dashboard.

1.2 Document Context of the project:

- **Chapter 1: Introduction**

Explanation of the proposed system or project.

- **Chapter 2: Initial Study**

Explanation the aim of the project, its background and objectives, finding problems areas and giving the possible solution.

- **Chapter 3: Literature Review**

Discussion about problem domain and it's solution.

- **Chapter 4: Methodology**

Discussion about the chosen methodology with proper justification.

- **Chapter 5: Planning**

I have given description about how I managed project plan and test plan.

- **Chapter 6: Feasibility Study**

I have explained economical, operational, technical and social feasibility for this project.

- **Chapter 7: Foundation**

I have given overall requirement list, technology recommendation and justifications.

- **Chapter 8: Exploration**

I have given the prototype of my new system.

- **Chapter 9: Engineering**

Various types of diagrams and project engineering activities are being described here.

- **Chapter 10: Deployment**

I have provided core module coding sample and problem break down.

- **Chapter 11: Testing**

Project's features are being provided with proof.

- **Chapter 12: Implementation**

Description of implementation has been given here.

- **Chapter 13: Critical Appraisal and Evaluation.**

Proposed system Evaluation and its description, Critical Appraisal of this project if the objectives met or not met has been described here.

- **Chapter 15: Conclusion**

I have given short summary of the project, about projects goal, success and value and about my project experiences.

Chapter: 2 Initial Study

- ✚ Project proposal
- ✚ Background of the project
- ✚ Problem Area
- ✚ Possible solution

2.1 Project proposal

2.1.1 Overview of the project:

We live in modern time where everything going to be digitalized. People are getting used to in new technologies, so everybody wants almost every service in online. In our country, people are using many technologies and website service than before. So various types of website are getting more useful and important part of every citizen and people of our country. Medical service-related website getting more useful for people. I have made a website Diagnostic Assistant which will help our people for getting important information about various test and their availability, their price and discount rate. People will be able to take the service after making registration in my system. Besides, user will be able to consult with doctors through my system after getting request acceptation token from doctor. User will be able to see the available diagnostic test and their location. User can order the medicine through prescription or selecting medicine name from my system's will see the pharmacy location. In my system partners can join like clinic and pharmacy authority for giving their service through our system. an admin will handle all of those things.

2.1.2 Defined Goals and objective of the project

Goals of the project:

- ✚ User can see various types of test according to test category.
- ✚ User can see available test in available clinic or hospital.
- ✚ User can take appointment for perform the test and getting the test invoice token.
- ✚ User can contact with doctors and take suggestions from doctor.
- ✚ User can upload their prescription for buying the medicine from available pharmacy's
- ✚ And they can also able to take this order by home delivery.
- ✚ Partner like clinic and pharmacy can register in our system and giving service to the people through our website.

Objective of the project:

- ✚ The main objective of my system is easily to search available test according to category in individual's location.
- ✚ User can easily see the price list and available discount rate of that particular test.
- ✚ User can take doctors suggestion and treatment through my system
- ✚ User can order their medicine through this system and take the order by home delivery.
- ✚ User can see their available hospital or clinic according their registering location.
- ✚ Partners can easily register in our system and giving the many discount to the people and giving proper service in our country.

2.2 Background of the project:

People always tries to get the proper medical care for themselves. But many of them suffer because they do not know the actual information about various test and doctors care and

sometimes useful medicine. It happens more for unknown people whose want to take the treatment and perform various test. For that lack of information in maximum of time people cannot find the actual place for performing test. sometime people face lots of difficulties. So, I think we can work in this area and develop a system which name is Diagnostic Assistant and its aim is to serve the people by giving the proper information about various test according their category. User can see available hospital or clinic information from their location. Besides using this system user will also get the proper treatment service from doctors and user can easily order their preferable drugs from our system and making order through home delivery option. In our system there are partners like clinic or hospital, Pharmacy etc. they can make registering in our system and giving the service among the people.

2.3 Problem area:

Our people usually face many difficulties for finding the proper treatment and actual diagnostic test for individual clinic or hospital location because there has not enough information stored in the website or others way so it is difficult for us to get the proper information. On the other hand, we face lots of difficulties to make an appointment of doctor because they take lot of time to give appointment and they maintain it on serial basis in on the spot. Besides, some people never get the proper diagnostic test service because they came to city new for getting treatment or performing test. we also face difficulties for quality medicine in our country. We face the problem of enough supply of medicine. So, we face these types of problems in our country now a day. So, we tried to solve these problems and gives the proper service taking these issues' in our system.

2.4 Possible Solution:

I have analyzed those problems and I have identified the user problem for getting those service. I understood that we have to give user the best service so that they can take proper treatment and suggestion from our system and can save their valuable time and Money. We will try to create our value of service; we will try to loyal to give our service. We will include both labs, pharmacy and doctors' panel in our application so that after registering user can get all types of service from our website and getting the actual information about their queries.

Chapter: 3 Literature View

- ✚ Discussion on problem Domain
- ✚ Discussion on problem Solutions
- ✚ Recommended feature for proposed system
- ✚ Challenged to build the proposed Solution

3.1 Problem Domain:

Our website is about giving the medical related service to the people. Our system Diagnostic assistant system mainly focuses on the various types of Diagnostic test and making the appointment process performing these tests. Besides we will also provide the Doctors treatment and various drugs from pharmacy for our customers. But are some problems. In our country these types of website are not much famous and still now people love to collect information going the hospital or clinic physically and performing tests and taking medical treatment. People are not cope up using these types of online service. On the other hand, there are no available Government website exits to give these types of service through online.

I have identified some problem domain for my system Diagnostic Assistant.

- ✚ Payment function has not developed fully.
- ✚ There has lot's problem for internet connection throughout whole country.
- ✚ Location tracking system process is not developed.
- ✚ Various Government business policy.

3.2 Problem Solution:

I have a new system about medical service like gathering information and making appointment for various diagnostic tests. Day by Day this type of service will be getting famous and people will more engage to use these type websites. These types of online service will be getting more profitable day by day. But there are some problems to achieve this goal. Now I will discuss those problem.

Getting user attention: Now a day's people are more engaged in physically rather than online service in medical sector. People usually loves to doing transaction and making appointment by going the hospital or clinic.

User Data privacy: As user will give their important card or payment information so we have to maintain it properly and giving user secure data privacy.

Make trust for Website and Company: For doing these types of online business make trust the Website and Company is very much important for transparent process.

Proper Identification for user partner: As our system jointly works with the Doctors and clinic, hospital authority and Pharmacy seller.so in that process proper identification is must. We have to ensure their identification after making phone number, email, location and Tin Number verification.

Internet Connectivity: As there are lots of problems for internet connection in most of the areas of our country so it is the big challenge for us to give the service all over the country. Government should give the proper internet facilities all over the country and then all types of people will be more comfortable with these types of services.

3.3 Recommended approach for this system:

First of all, system have to be user-friendly so that user and partners getting more comfortable to use this system. If user cannot understand something for the lacking's of user-friendliness of our system this will be failure approach for our system. System have to be more interactive. I have point out some features for recommended approach.

Partner information:

- ✚ Doctors list and their appointment process have to maintain properly.
- ✚ Hospital or Clinic authority's information have to be categorized.
- ✚ Various types of diagnostic test discount rate and information have to categorized.

Admin Management:

- ✚ Verifying partner's authentication is the important part of admin.
- ✚ Creating test category and manage the process of diagnostic test.

Making system user-friendly:

- ✚ System have to be more interactive among the users.
- ✚ Making all the process easier to the users.

Report Generation:

- ✚ Giving report to the user for the test performing.
- ✚ Provide partners their working procedures.

3.5 Challenge to build the proposed system:

As there is no existing system about Diagnostic assistant website so I have to implement this system newly. For this reason, I have to face lots of challenge to build the proposed system.

- ✚ All user can use the system for all devices I have to ensure.
- ✚ I have to implement the whole system in a short period of time.
- ✚ Doctor's schedule and Diagnostic test report generate in actual schedule for user is most difficult part.
- ✚ Various types of verification also difficult part for managing the systems.
- ✚ Search for various location and category is difficult part of the coding.

Chapter: 4 Methodology

- ✚ What to use and Why to use
- ✚ Section Methodology

Methodology mainly focuses and maintains the project developments stage with the proposed budget, limited time bindings and make the better understanding between the user and stakeholders. For completing any system, we have to follow the software methodology. Now I will discuss about the methodology I have chosen for my proposed system.

4.1 What to use and why to use:

For my proposed system I have chosen the DSDM (Dynamic system Management method) atern under agile software methodology. It has many advantages and it focuses on the creation of a system more dynamic within tight budget, limited time and it continuedly maintain the iterative development process.

Main ideology of DSDM Atern:

To create a project successful this method focuses on some points.

- ✚ These methods focus on the proposed goal and always set the goal of a project.
- ✚ As this method using iterative development process so it always forces early delivery of the project.
- ✚ As this method using the time boxes it can choose the right deliverable products.
- ✚ This method always involves the end users and the tester and they always giving the update and work together for complete the project early.

Suitability of DSDM atern for this proposed system:

- ✚ My proposed system will be use for the business purposes so within limited time and budget I have to complete the project with the fulfilled requirements. DSDM focuses on the maintain all requirements of a projects for business needs.
- ✚ Times boxes defines the right delivery time of the project.
- ✚ MoSCow prioritization defines the project requirements.
- ✚ Iterative development is the most important part of this method because using these methods stakeholders share their business logic and try to implement it properly.

Techniques of DSDM:

There are many techniques of DSDM and I am giving some of them descriptions.

- MoSCow prioritization:

Must Have	It defines the main requirements of the project which are needed to fulfill the project requirements.
Should Have	It defines the requirements which are must not needed but it these can be making better of the proposed system.
Could Have	It defines the requirements which are not must needed but may need in the system for making the project well-defined.
Won't Have	It defines the functions of the projects which are not to be developed in the

	project and it has no relation with this system.
--	--

- **Time Boxing:**

There is individual's time box for completing each work. It defines

- Whole project duration.
- Duration time for each part.
- Breaking down the works and defines the sub work of a process.

- **Iterative Development:**

It defines iterative development in every stage.

- Identification of each task.
- For completing the task making plan.
- Evaluating the solution of the task.

4.2 Section methodology:

There are five section and seven phases DSDM methodology.

The phases of DSDM

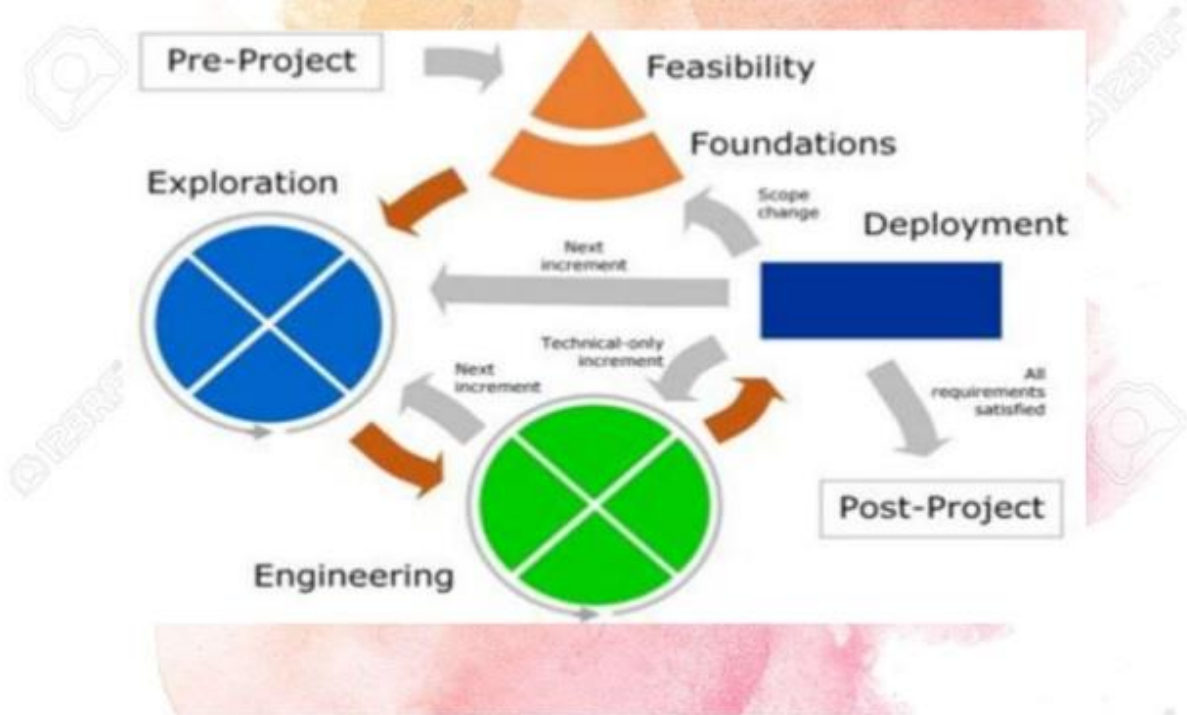


Figure 1: phases of DSDM.

✚ **Pre-project:**

Project proposal are being made in this phase and making the plan for doing the project. In this phase study about this project, resource collection, requirement collection has been done.

✚ **Feasibility:**

In this phase measures the economic, technical, operational condition and evaluate the project.

✚ **Foundation:**

The project main work is being started from here after analyzing all the things.

✚ **Exploration:**

In this phase project all main requirements and features are being selected and making the prioritization with techniques.

✚ **Engineering:**

In this phase iterative development is the main focus point. Besides, testing and evaluation are also being done here.

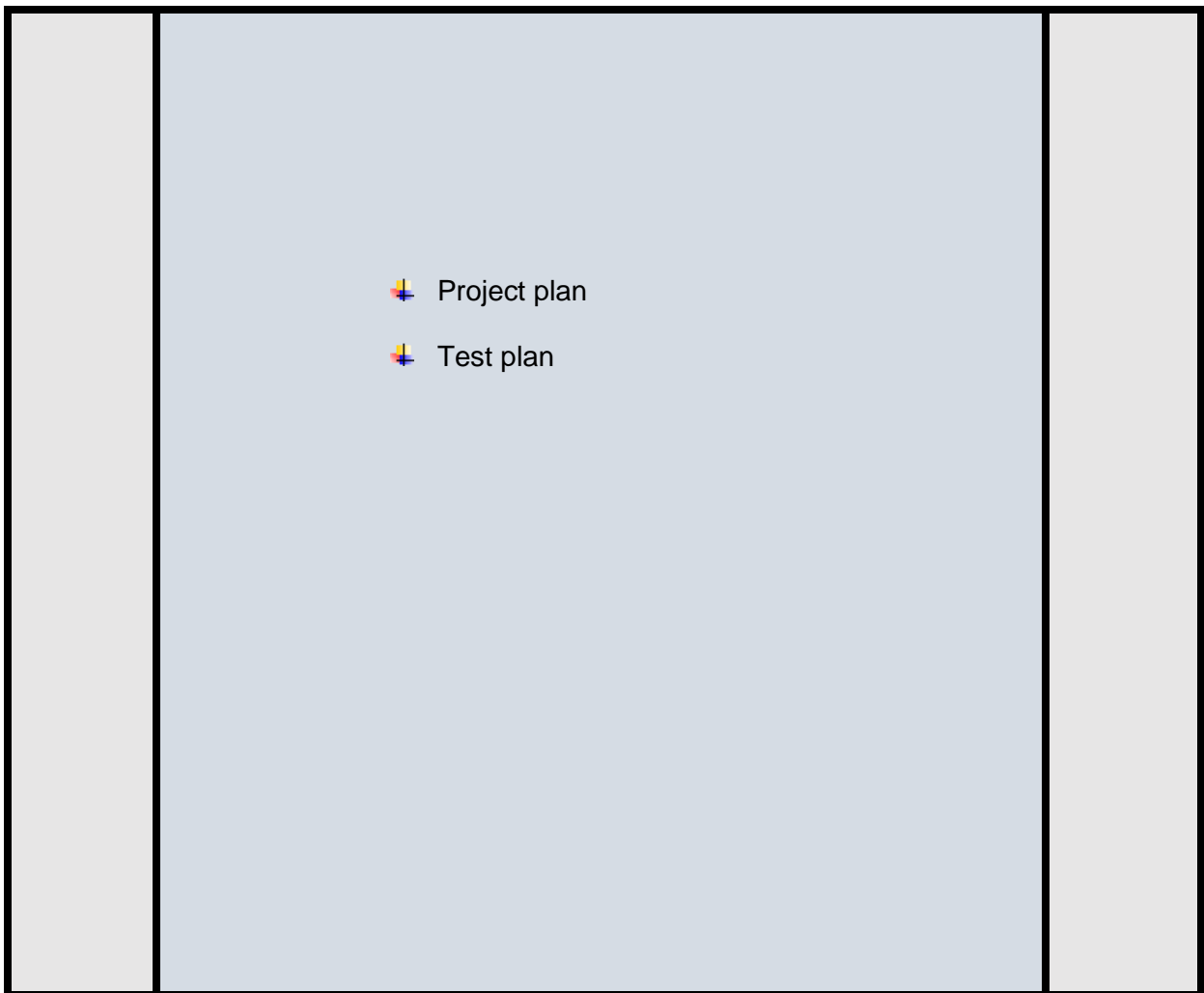
✚ **Development:**

In this phase proposed system are being developed. The full system requirement, are being developed in here.

✚ **Post-project:**

In this phase project documentation and program are being hand over and measures the benefits of this projects.

Chapter: 5: planning



5.1 Project plan

Planning is an important part of a project and specially this type of project planning is must.

After making a project plan, we can easily collect the requirements, can make plan for implementation, breaking all the tasks into process and can easily understand the business needs.

5.1.1 Work Breakdown Structure:

I have divided all the tasks of projects into sub-tasks within time duration. Our technical and development team will be understanding how project have to do and when it has to be finished.

Tasks	Duration	Starting	Ending
01. Initial work of project	8 days	03-02-2020	10-02-2020
<ul style="list-style-type: none"> • Research about product • Note down features of proposed system. 			
02.project proposal creation	10 days	11-02-2020	20-02-2020
<ul style="list-style-type: none"> • Making project proposal documentation and get feedback from the supervisor. • Identify core features. 			
03.Analysis of the proposed system	13 days	21-02-2020	05-03-2020
<ul style="list-style-type: none"> • Market Research of the system. • Make the plan for completing the project. 			
04.Making Design	12 days	06-03-2020	17-03-2020
<ul style="list-style-type: none"> • Drawing diagrams of the system. • Making Database. • User interface Design of the system. 			
05.Deployment of the project	14 days	18-03-2020	31-03-2020
<ul style="list-style-type: none"> • Working on code of the project. • Build the proposed feature. 			
06.Testing of the system	10 days	01-04-2020-	10-04-2020
<ul style="list-style-type: none"> • Involve user for the test the system. • Arrange session for testing features. 			
07. Documentation of the project	10 days	11-04-2020	20-04-2020
<ul style="list-style-type: none"> • Make Documentation for making understand and further development of the project. 			
08.Summarization of the final project	5 days	21-04-2020	25-04-2020
<ul style="list-style-type: none"> • Binding Book, approve it from the professional. 			
Total times (Days)	82 Days		

Figure 2: Work Breakdown Structure.

5.1.2 Time Boxes:

Time box	Task Name	Resource Name
T- 01	Introduction	Analyst
	Initial Study	Analyst
	Literature View	Analyst
	Methodology	Analyst
T-02	planning	Analyst, user
	Feasibility	Analyst, Developer
	Foundation	Analyst, Developer
	Exploration	Analyst, Developer
T-03	Engineering	Analyst, Developer
	Deployment	Developer Team, Tester Team
	Testing	Tester
	Implementation	Analyst, Developer
T-04	Evaluation	Analyst, Developer
	Critical Appraisal	Analyst, Developer
	Conclusion	Analyst, Developer, Tester

Figure 3: Time Boxes

5.1.3 Gantt Chart:

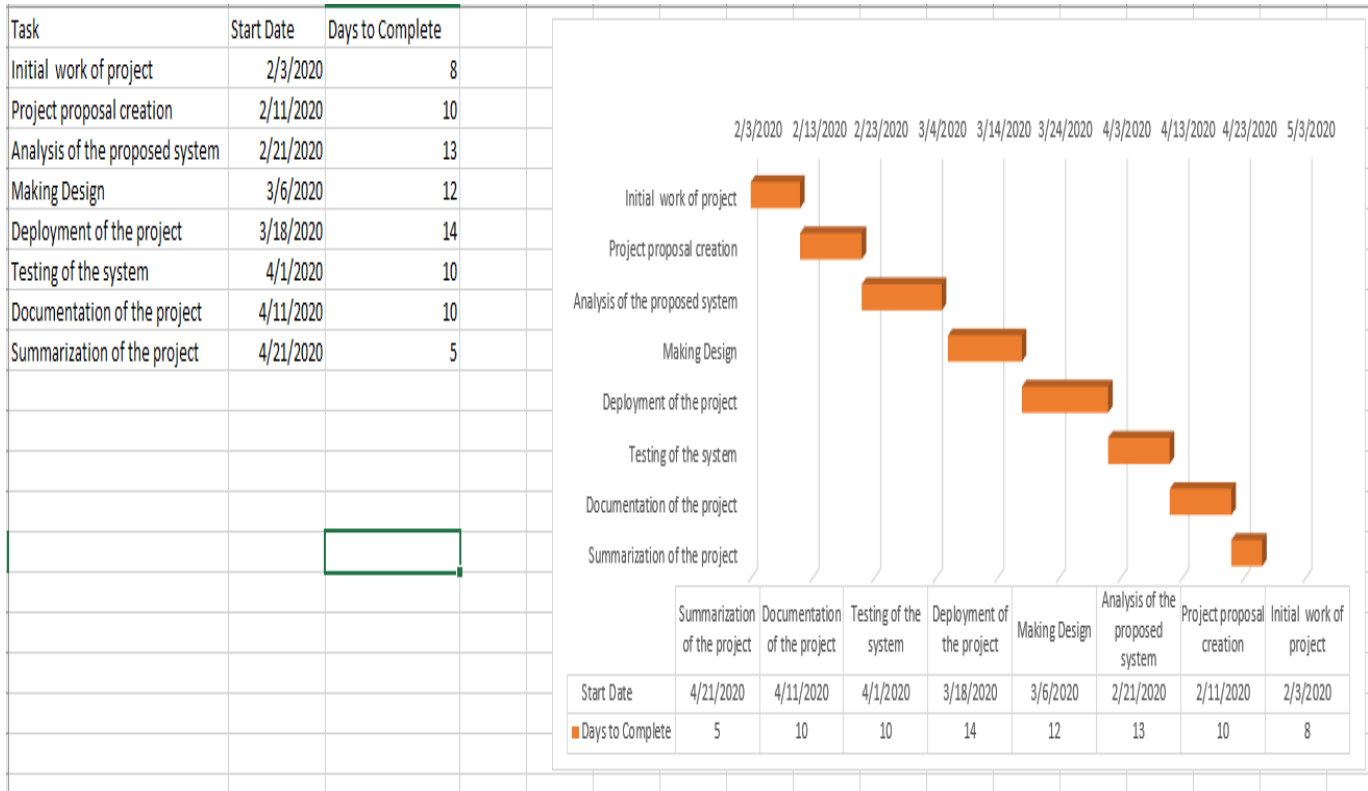


Figure 4: Gantt Chart

5.2 Test Plan:

There are many testing plans to test the system. It has been done to find out the fault of the system. For doing these tests system became more efficient

5.2.1 Required testing:

There are many types of testing feature available, I have selected some testing method for performing the testing of system.

Unit testing:

In this testing phase individual's unit or separate function has been tested here with the user requirements and it is the most common and famous features of testing. If a developer wants to change or edit code they can do so. (Anon., 2020)

Integration testing:

This testing is related with the unit testing and it has been done after the unit testing. This testing is the combination of the various function and its combination.

Module Testing:

This testing measures the project's main features and the working process those features. This testing evaluates the business requirements of a system. (Anon., 2020)

5.2.2 Test Cases:

Test case means the process of the particular functionalities of projects and measures its working process. I have provided some kind of test case format for my system.

Test case ID		
Test Name		
Test Type		
Priority		
Pre-Condition		
Post-Condition		
Steps	Expected Result	Actual Result

Figure 5: Test Case

5.2.3 User Acceptance Test plan

It measures the criteria of a system and it evaluates the features of a system that how properly it works. It has been done before the system launching the project finally.

Test Case Id:		User Name	
Test Type:		Role	
Test Name:			
Pre-Condition:			
Post-Condition:			
Steps	Expected Result	Actual Result	Comments

Figure 6: User Acceptance Test plan

Chapter: 6: Feasibility



Feasibility study finds the project's strength, weakness, resources, for the success of the projects.

6.1 Economic Feasibility:

This feasibility works with the project's real world's financial factors and calculates the benefits of the projects cost based on the requirements. For my website, I need money for deployment, hosting and controlling.

Serial No	Component	Price
01.	Required Hardware	60,000/-
02.	Required Software	45,000/-
03.	Cost of Web Hosting	2,000/-
04.	Other Component	30,000/-
Total Price		137,000/-

Hardware Price: Here Hardware prices given below:

Serial No.	Component	Price
01.	Desktop PC /Laptop	55,000/-
02.	Wi-Fi Router	3000/-
03.	Electrical equipment	2000/-
Total Price		60000/-

Software Price: Required Software price are given below:

Serial No	Component	Price
01.	Xampp/Wampp	0
02.	Browser(free)	0
03.	Adobe Creative Cloud	15,000 /-
04.	Operating system	25,000/-
05.	PHP Strom	5000/-
Total Price		45,000/-

Hosting Price: I have selected a unique name domain for my system. here I am giving the cost of hosting price

Serial No.	Hosting Name	Price
01.	www.diagnosticassistant.com (Domain)	2,000/-
Total		2,000/-

Other Component Price: Other Component prices are given below:

Serial No	Component	Price
01	Internet Connection bill	10,000/-
02.	Electricity bill	7,000/-
03.	Maintenance bill	8,000/-
04.	Employee training	5000/-
Total Price		30,000/-

6.2 Operational Feasibility:

This study focuses on the fulfilling the requirements of the system with all functionalities and gives the better operational function in the system. It defines some points for this project, they are-

- ✚ For legal aspects, a user can easily meet their requirements so that project goal can be achieved easily. Such as a user can search their diagnostic test name according the category, can order drugs according availability. (Anon., 2020)
- ✚ I have developed the system which reduces the time and user or admin can easily get access in the system.

- ✚ I have developed my system as a reliable for service user can will get formatted and store too. Such as partner's business card or TIN certificate number, besides admin can add test category name, report giving if necessary and system maintenance.
- ✚ My system will give the suggestions and guidelines to the user if they fail to fulfill the required information in the input option for various functionalities such as if they don't give the proper email address, phone number etc.

6.3 Technical Feasibility:

I have made Diagnostic Assistant in PHP Strom platform. My system also has been developed with the HTML5, CSS3, Bootstrap, JavaScript, jQuery, Ajax, database MySQL for controlling database system in my system. I have also needed some additional hardware and software for making this system here I am giving those below. (Anon., 2020)

Hardware	Desktop PC/Laptop (8 GB RAM, 1TBT HDD), Wi-Fi Router
Software	Xampp Latest Version, Adobe Creative Cloud, MS Office 2015/2016, OS – Windows 10, PHP Strom Latest Version

6.4 Market Research analysis on Feasibility Factors:

After analysis on feasibility factors, I can say that this proposed system build is possible in Economically, Technically and financially. In Dhaka city and other's areas needing's of this system is very much high because this type of system isn't existing in Bangladesh

6.5 Cost Benefit analysis for this system:

Estimation of Cost:

Basic for	Cost (BDT)
Hardware	60,000
Software	45,000
Hosting	2,000
Others	30,000
Maintenance	15,000
Implementation	25,000
Total	1,77,000

Estimation of Benefit:

Basic for	Benefit (BDT)
Business Improvement	1,00000
Improvement of Productivity	40,000
Savings from Changes (Structural)	50,000
Total	1,90,000

Chapter: 7: Foundation

	<ul style="list-style-type: none">✚ Overall Requirement List✚ Technologies to be implemented✚ Recommendation and justification of this project	
--	--	--

7.1 Overall Requirement List:

Here I will be given the functional and Non-functional requirements list of my proposed system and it has been defines based on the business demands.

7.1.1 Functional Requirement:

- ✚ User can make registration and then login in this system
- ✚ User can search for Diagnostic test name according to the category.
- ✚ User can see the available clinic/Hospital name for searched test name.
- ✚ User can see the location of that clinic or Hospital.
- ✚ User can send request for individual test in individual clinic or hospitals.
- ✚ User can add date for appointment.
- ✚ User can search for available doctor for treatment.
- ✚ User can send appointment request of doctor adding the date.
- ✚ User can see the doctor's chamber and other branches location.
- ✚ User can search the pharmacy and see the available pharmacy in their location.
- ✚ For ordering the drugs user can then select the drugs from the drugs list.
- ✚ For ordering drugs user have to give the quantity of drugs and select the delivery option.

- ✚ User also can get the drugs by uploading the prescription of doctor.
- ✚ User can take the order either going to the pharmacy physically or taken by home delivery.
- ✚ User can also order the drugs from this system e-commerce store after giving the quantity and selecting the delivery option.
- ✚ Partners like clinic or hospital authority will handle the request from the user for diagnostic test and confirm the appointment giving the token to the user.
- ✚ Doctor as a partner they handle the appointments of the user.
- ✚ Clinic or hospital authority also can add the price of each test according to the category and adding the discount rate of that tests.
- ✚ Admin will verify the location and account verification of partners.
- ✚ Lab authority will create the test category and test name.
- ✚ Admin will handle the whole systems

7.1.2 Non-Functional Requirement List:

- ✚ Proper Usability
- ✚ Proper validation and verification
- ✚ Better security
- ✚ Data integrity
- ✚ Proper Maintainability and interoperability.

7.2 Technology I have Implemented:

There are many kinds of technology for making a system. For my proposed system I have used two types of technology. One is Server Application and Web Server Application.

Client/Server Application:

In this way system are being run in the client machine and clients are being invited for hosting the system. Whole system is run with the client computer and the system are being run from the client computer's archive file. (Anon., 2020). It has some basic concept of client-based server-

- For running the system client don't need to install any software.
- System maintain is difficult as this set up environment is constant.
- System cannot take the lots of user accessing maintainability control.

Web server application:

In this way, system has been hosted in the internet with the unique domain name. user can access the system only using the internet connectivity with any browser. any kind of software installation is not needed for this system accessing. (Anon., 2020) It has some basic concept; these are-

- User have access to the system using the URL link.
- No software installation is not required for this way.
- User can access the system with a browser and internet connectivity.

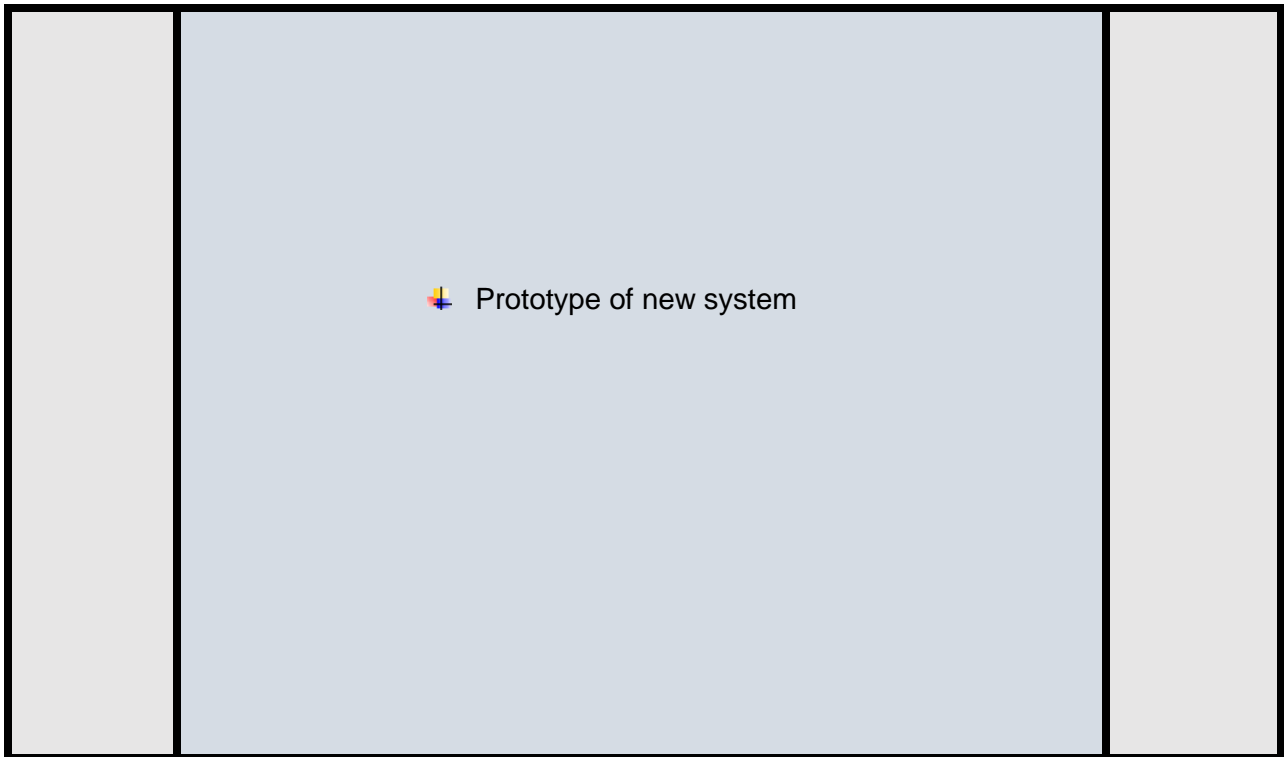
7.3 Recommendation and Justification:

For my proposed system I will recommend to use the web server because it will give for achieving the people reaching for real world.

Justification:

- ✚ Any people can take access of this system with internet connectivity.
- ✚ For real world, many people can able to reaching this system.
- ✚ There is no need for installing other supportive software.

Chapter: 8: Exploration



8.1 Prototype of new system:

In this part I will represent my proposed system graphical interface for the people so that they can take the idea about my system looks in the future.

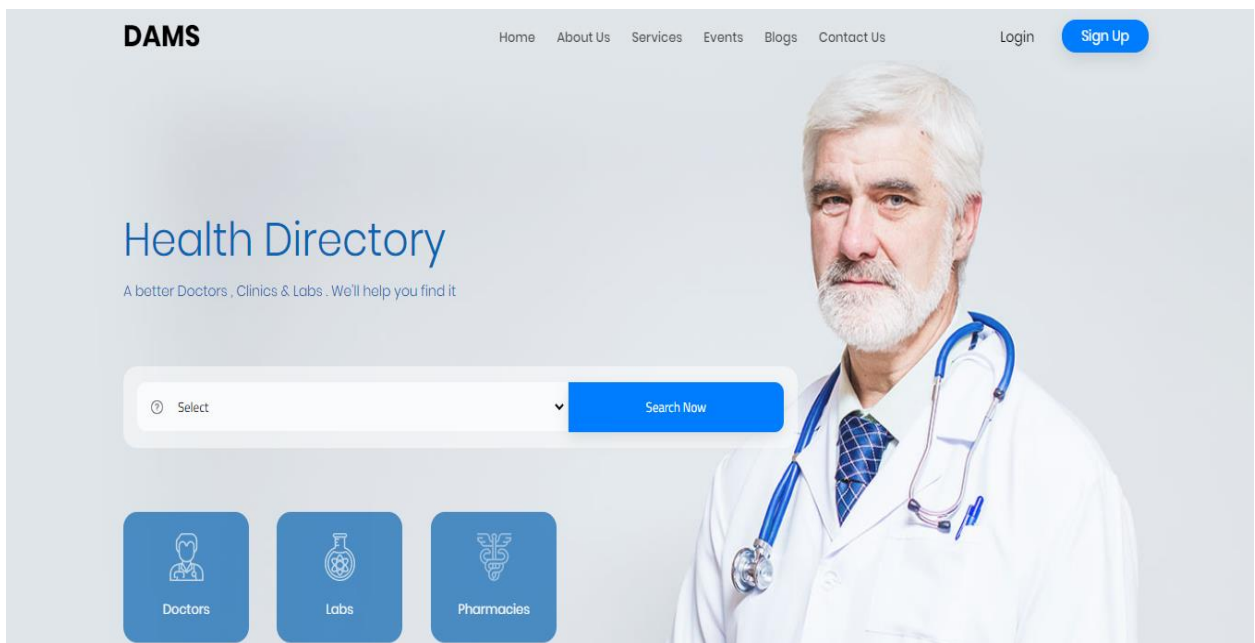
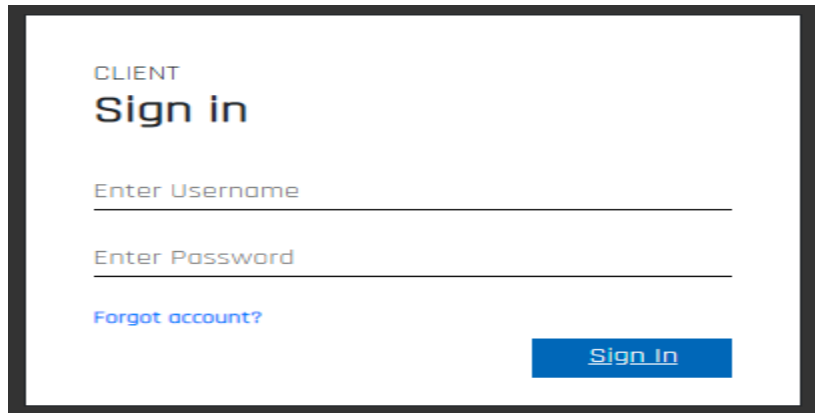


Figure 7: Prototype of home page.



CLIENT
Sign in

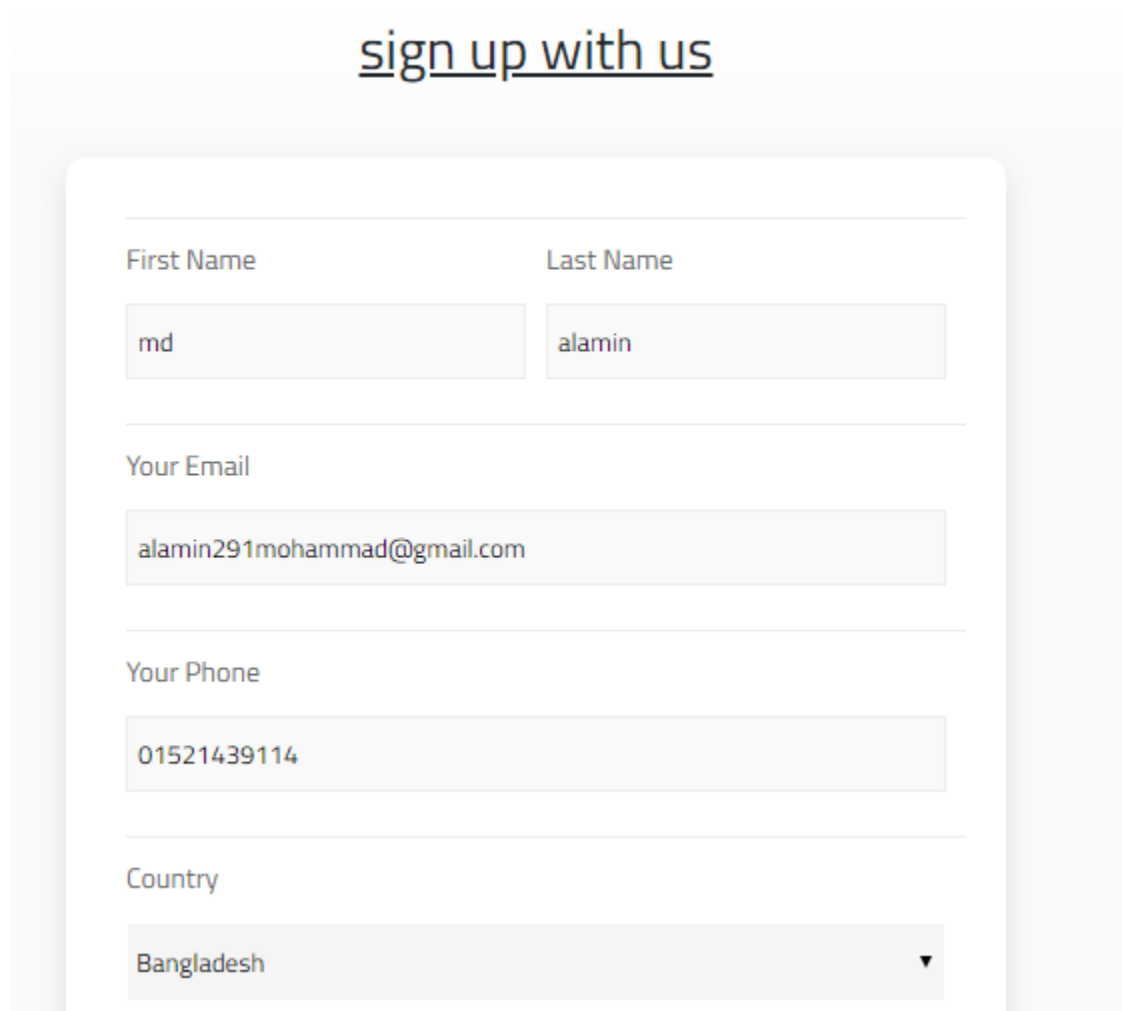
Enter Username

Enter Password

[Forgot account?](#)

[Sign In](#)

Figure 8: log in page of client



sign up with us

First Name Last Name

md alamin

Your Email

alamin291mohammad@gmail.com

Your Phone

01521439114

Country

Bangladesh ▼

Address

shanker

Choose A Username

alamin

Your Password

Confirm Your Password

.....

.....

I Accept The Terms And Conditions.

Complete sign up !

you have an account? Sing in !

Figure 9: prototype of registration page of User.

DAMS Home About Us Services Events Blogs Contact Us PROFILE

SEARCH RESULTS

AVAILABLE TESTS

Search..

SERIAL	CATEGORY NAME	TEST NAME	ACTION
1	bloodtest	Calcium blood test	Details Take Up

Search Filter

Category

Test Name

Search Now

Figure 10: client searched test name.

DAMS Home About Us Services Events Blogs Contact Us PROFILE

Calcium blood test

AVAILABLE LOCATIONS

Serial	Institute Name	Location	Price	Discount	Action
1	Lab Aid Hospital	..	500	5	Map Take Up

Search Filter

Category ▼

Test Name ▼

Search Now

Figure 11: showing the available location and price rate

DAMS Home About Us Services Events Blogs Contact Us PROFILE

Calcium blood test

REQUEST FOR AN APPOINTMENT

Institute Name: Lab Aid Hospital

Location: ..

Test Price: 500 [In Taka]

Discount: 5

Appointment Date:

Total Amount: 475 [In Taka]

Send Request

Search Filter

Category ▼

Test Name ▼

Search Now

Figure 12: Client sends request for performing test.

DAMS Home About Us Services Events Blogs Contact Us PROFILE

Calcium blood test

REQUEST FOR AN APPOINTMENT

Request Received. Please check your dashboard.

Institute Name:	Lab Aid Hospital
Location:	..
Test Price	500 [In Taka]
Discount	5
Appointment Date	<input type="text" value="mm/dd/yyyy"/>
Total Amount:	475 [In Taka]

[Send Request](#)

Search Filter

▼

▼

[Search Now](#)

Figure 13: Request received for performing test.

Chapter: 9: Engineering

- ✚ New system Modules
- ✚ Use Case Diagram
- ✚ Description of Use Case Diagram
- ✚ Class Diagram
- ✚ Enhanced Entity Relationship Diagram
- ✚ Sequence Diagram
- ✚ System Interface Design

9.1 New system Module:

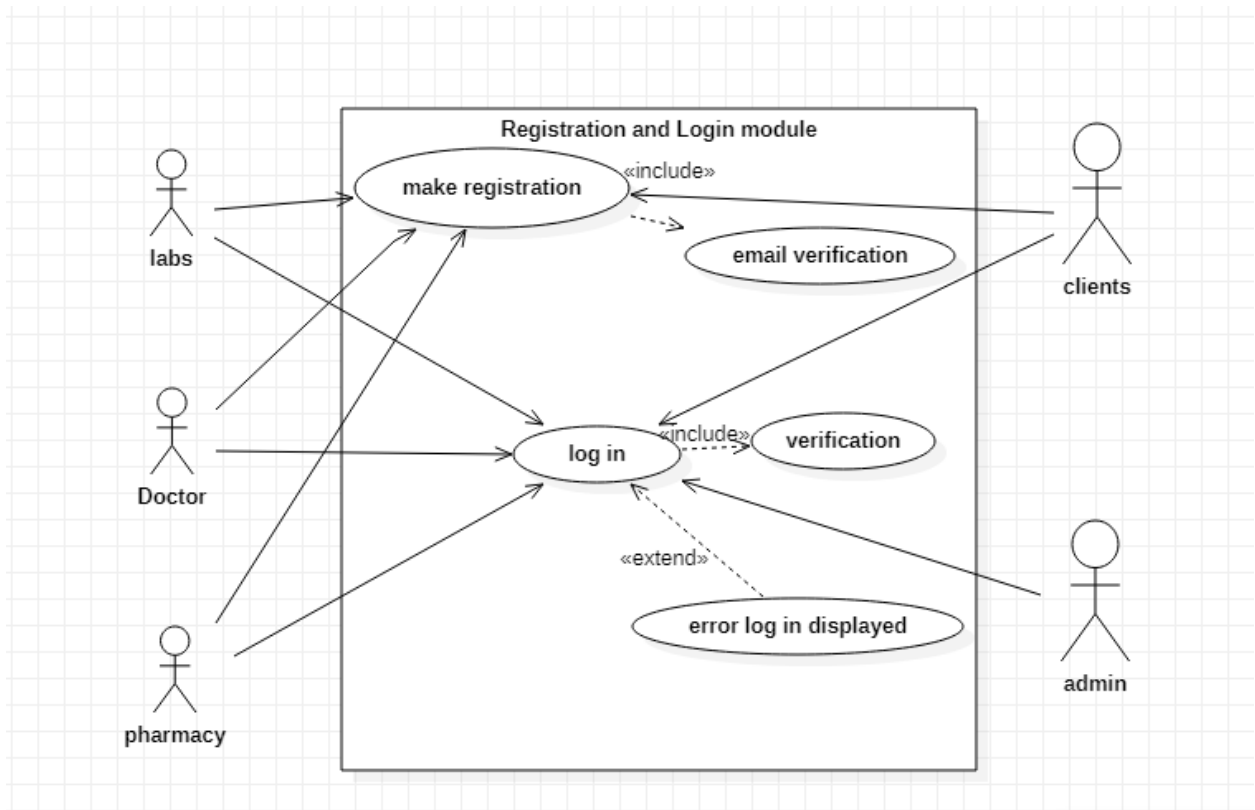


Figure 14: Registration and Login module.

User case

Use case for registration:

S. L	User action	S. L	System Response
1.	Clients or partner clicks on sign up page	2.	System will provide a registration page.
3.	Clients or partner will fill up the registration form.	4.	System store the data after validation.

User case login:

S. L	User action	S. L	System Response
1.	Clients, partner and admin will click login page.	2.	System will check the required field information.

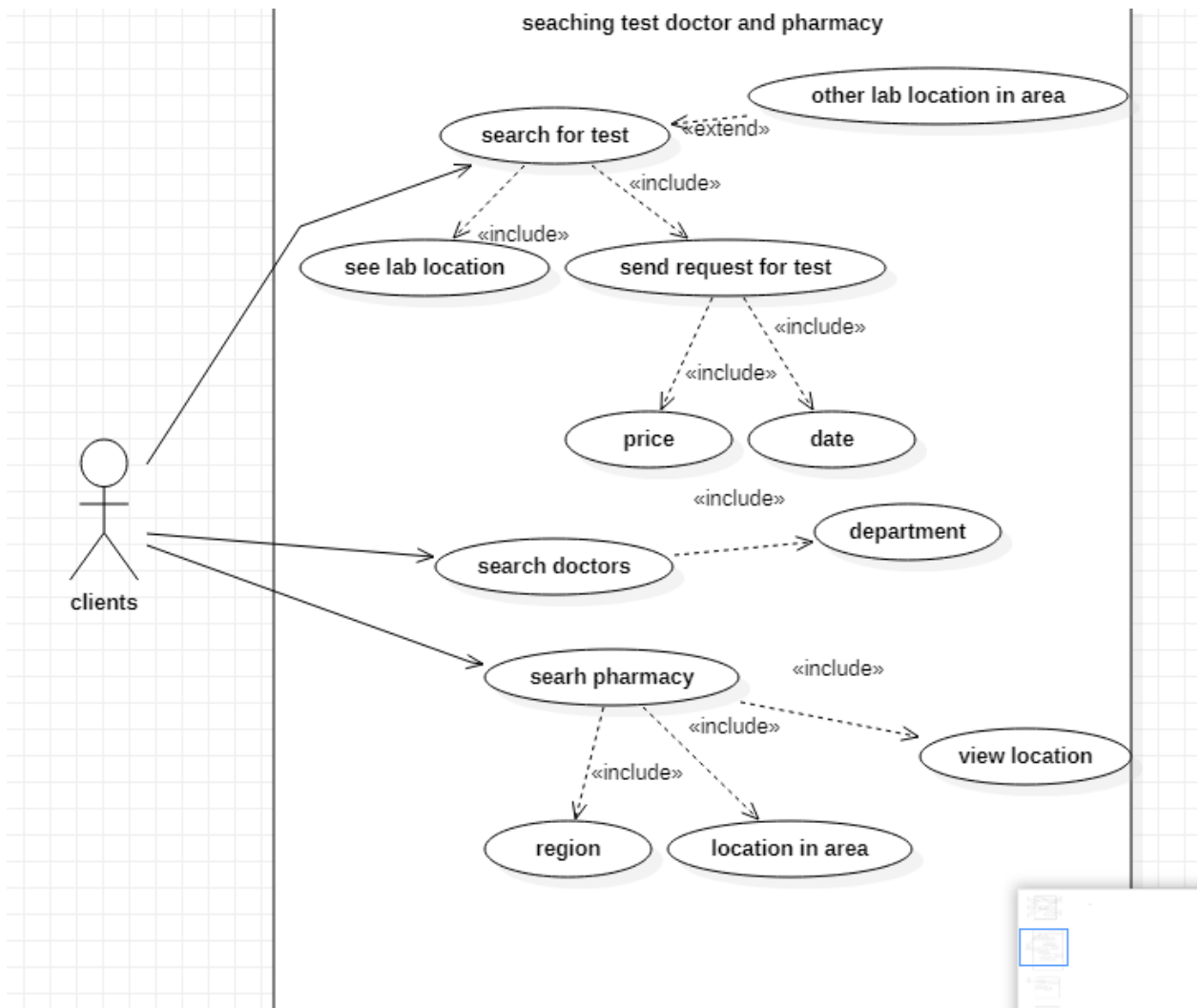


Figure 15: search Doctor, test and pharmacy module.

Use case for test:

S. L	User action	S. L	System Response
1.	Client clicks on the lab in search box	2.	System ask to select the lab or test.
3.	Clients clicks on the test	4.	System showing the available tests list.

Use case for search doctor:

S. L	User action	S. L	System Response
1.	Clients click the doctor option in the search box.	2.	System showing the available doctor's list.

Use case for search pharmacy:

S. L	User action	S. L	System Response
1.	Clients click the pharmacy option in the search box	2.	System ask to select the pharmacy or Drugs option.

3.	Client's click the pharmacy option.	4.	System showing the available pharmacy name, available pharmacy in their locations.
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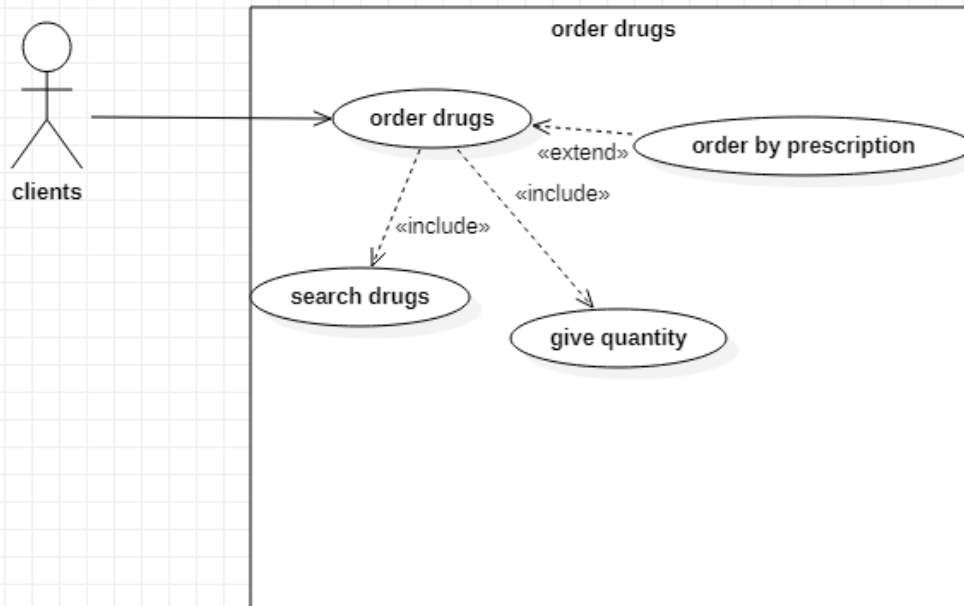


Figure 16: Order drug module.

User case for order drugs:

S. L	User action	S. L	System Response
1.	Clients click on take up option.	2.	System showing the location and order drug option.
3.	Client clicks on the order drug option.	4.	System showing the available drugs list, their price and delivery method.

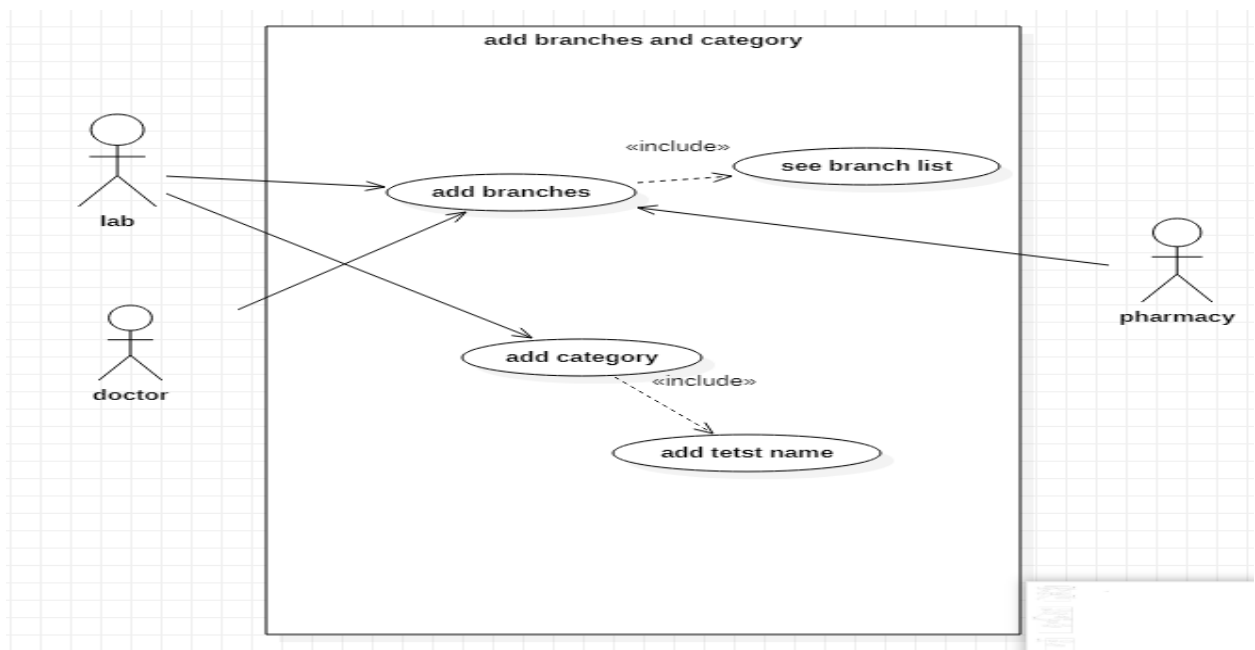


Figure 17: Add branches and Category module.

Use case for add branches:

S. L	User action	S. L	System Response
1.	Lab partner's and doctor's clicks add branch option.	2.	System showing the required information to fill up.
3.	Lab partners and fill up all required information.	4.	System checks all information.

Use case for add category:

S. L	User action	S. L	System Response
1.	Lab partner click the create category option.	2.	System provides the required field to fill up.
3.	Lab partner fill up all required information.	4.	System checks all information which have been fill up.

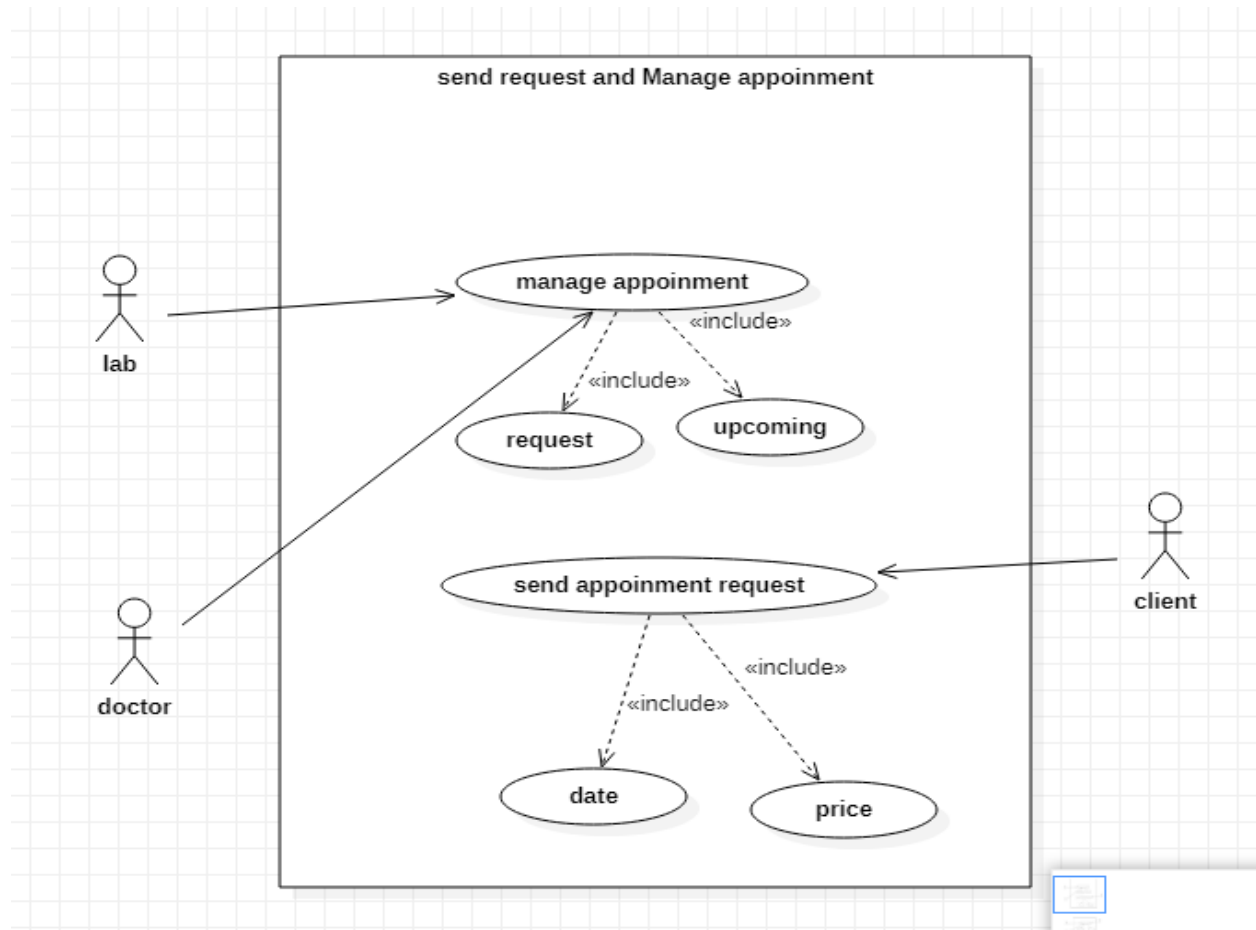


Figure 18: Send request and Manage appoinment module.

Use case for send request:

S. L	User action	S. L	System Response
1.	Client click on the send request option.	2.	System checks all the requires fields information and showing request has been sent.

Use case for manage appointment:

S. L	User action	S. L	System Response
1.	Lab partner and doctor clicks on the appointment option.	2.	System showing all the pending and upcoming requests.

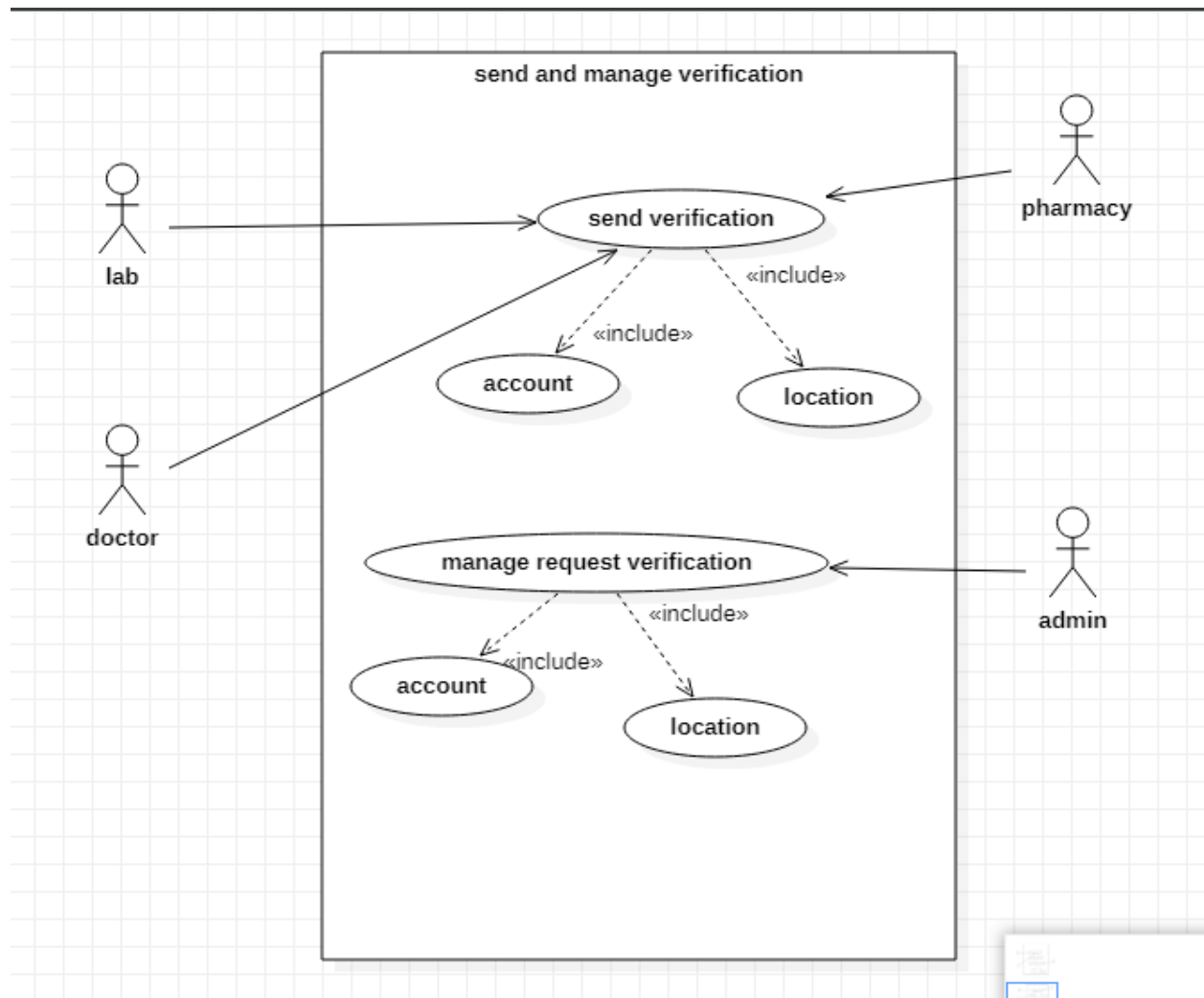


Figure 19: Manage and Send verification module.

Use case for send verification:

S. L	User action	S. L	System Response
1.	Pharmacy, Lab and Doctor click on send verification option after fill up all required information.	2.	System checks all the field and showing that request has been sent.

Use case for manage verification:

S. L	User action	S. L	System Response
1.	Admin click on the verification option.	2.	System showing all the request list.

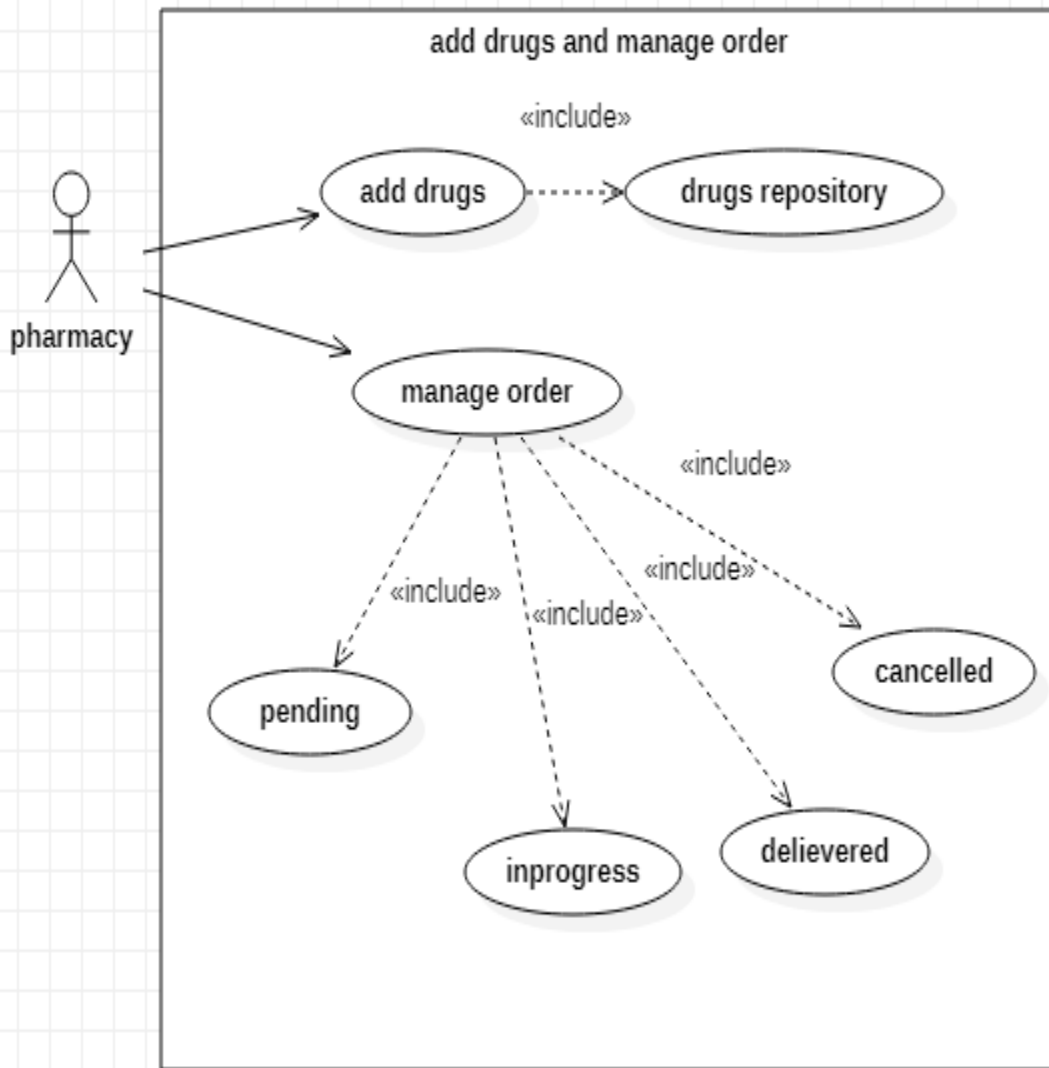


Figure 20: Add drugs and Manage order module.

Use case for add drugs:

S. L	User action	S. L	System Response
1.	Pharmacy department click on the add drug option.	2.	System showing the required fill to fill up.
3.	Pharmacy department fill up all required information.	4.	System check all information and showing that drug has been added.

Use case for manage drugs:

S. L	User action	S. L	System Response
1.	Pharmacy department click on the order option.	2.	System showing the pending, in progress, Delivered and cancelled orders.

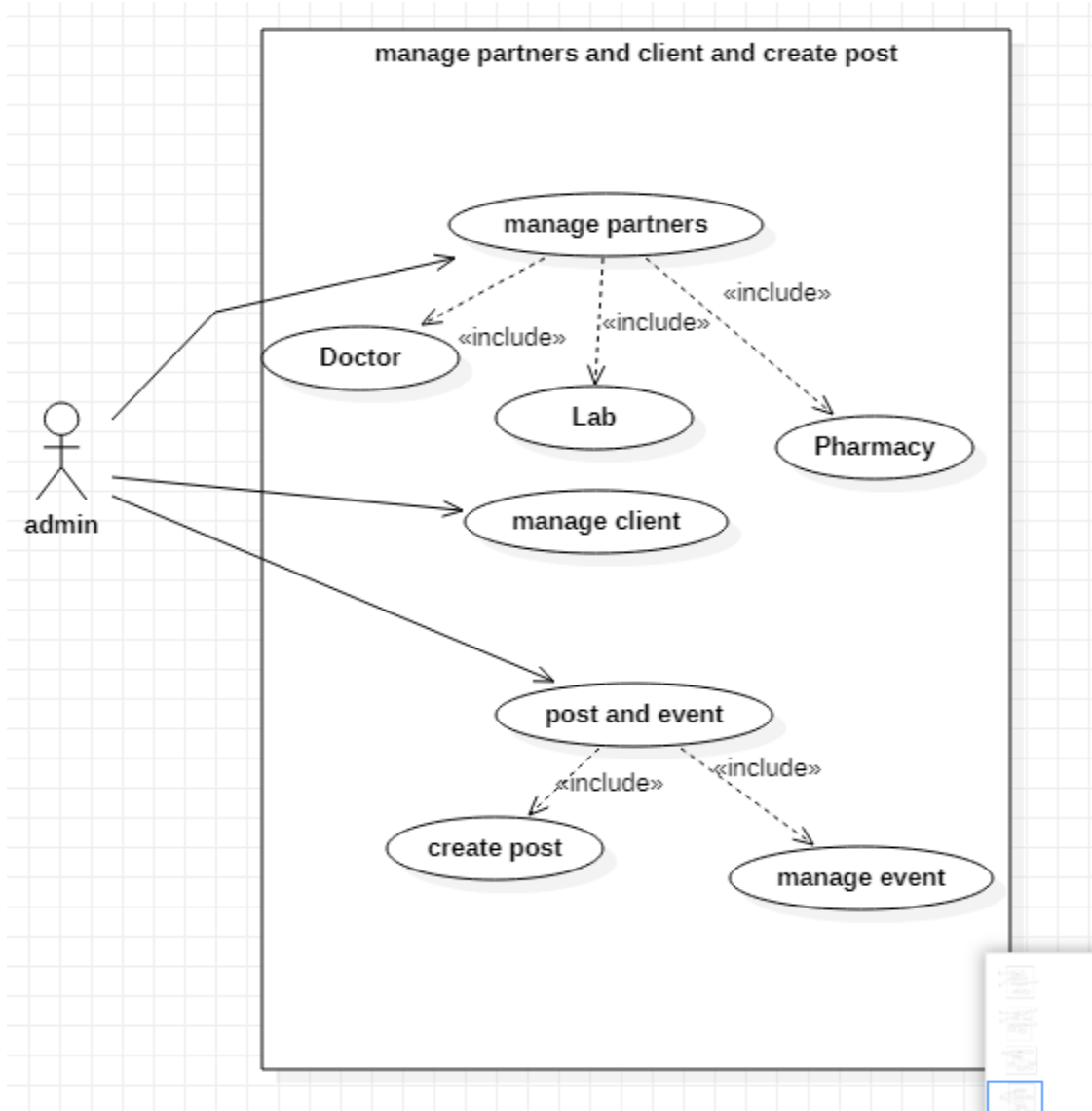


Figure 21: Manage partners, clients and create post module.

Use case for manage partner:

S. L	User action	S. L	System Response
1.	Admin click on the partner option.	2.	System showing the lab, pharmacy, Doctor dashboard directory.

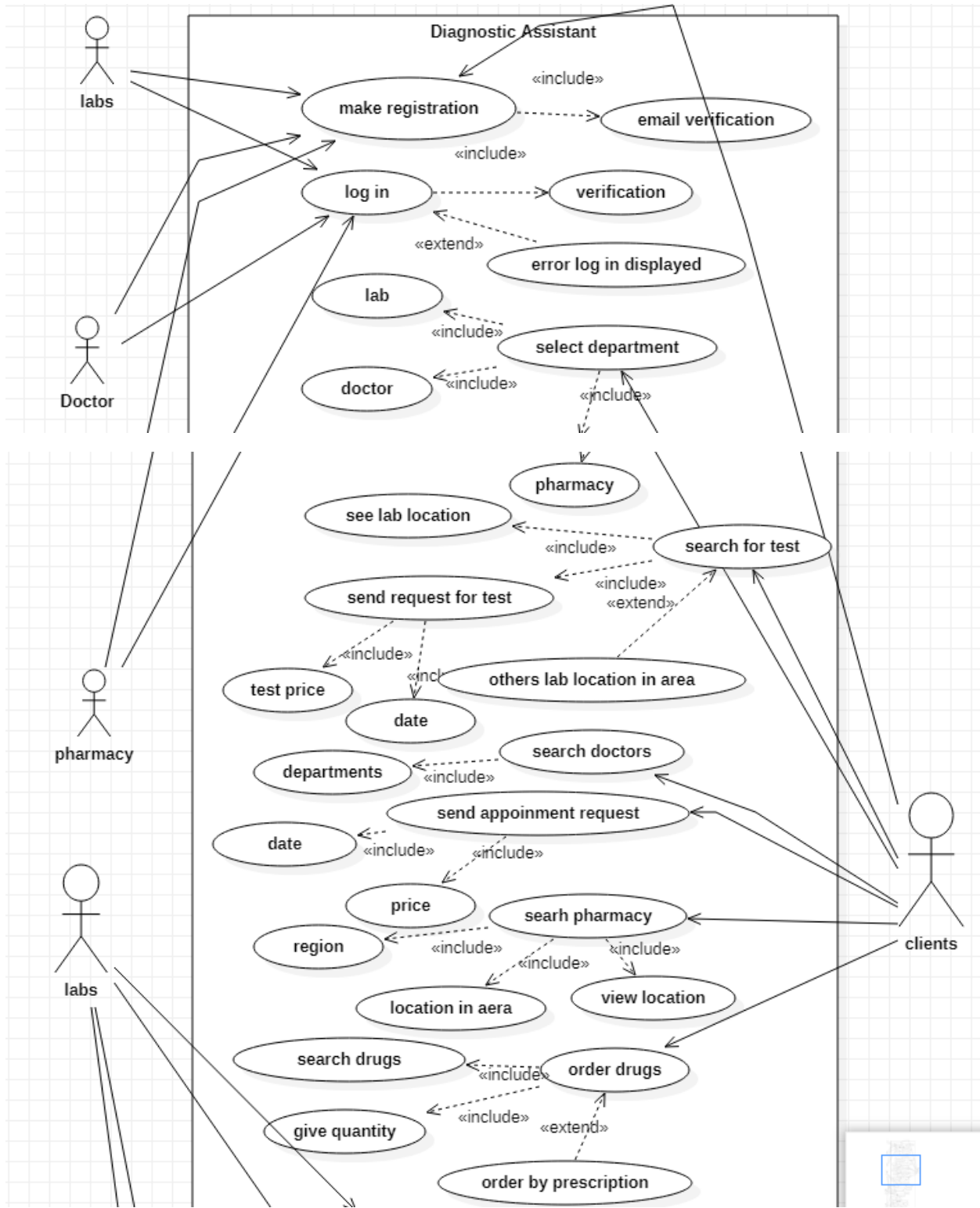
Use case for client:

S. L	User action	S. L	System Response
1.	Admin click on the client's option.	2.	System showing the all client's directory. If admin wants make block, unblock.

Use case for create post:

S. L	User action	S. L	System Response
1.	Admin click on the post and events option.	2.	System showing the required field for fill up.

9.2 Use Case Diagram:



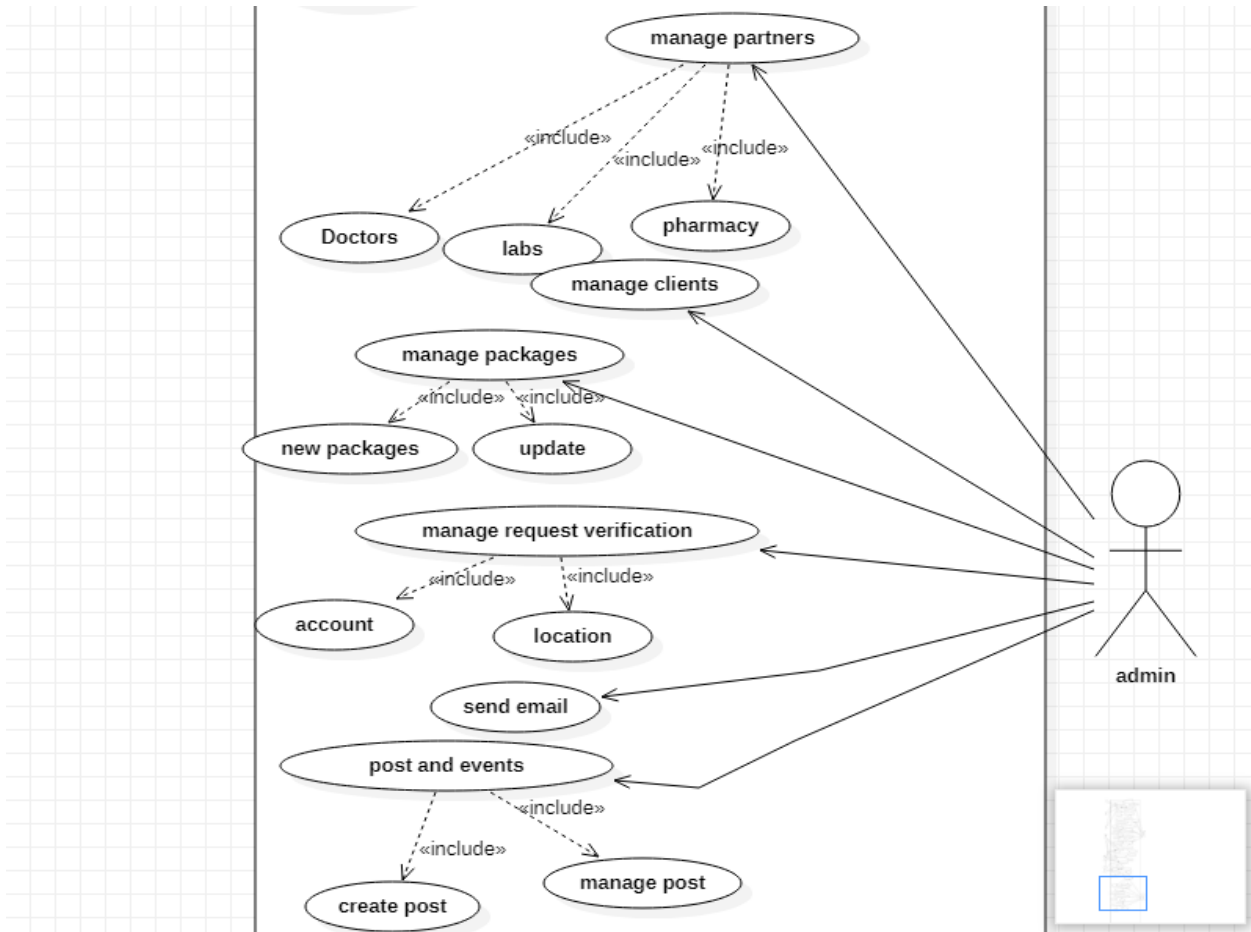
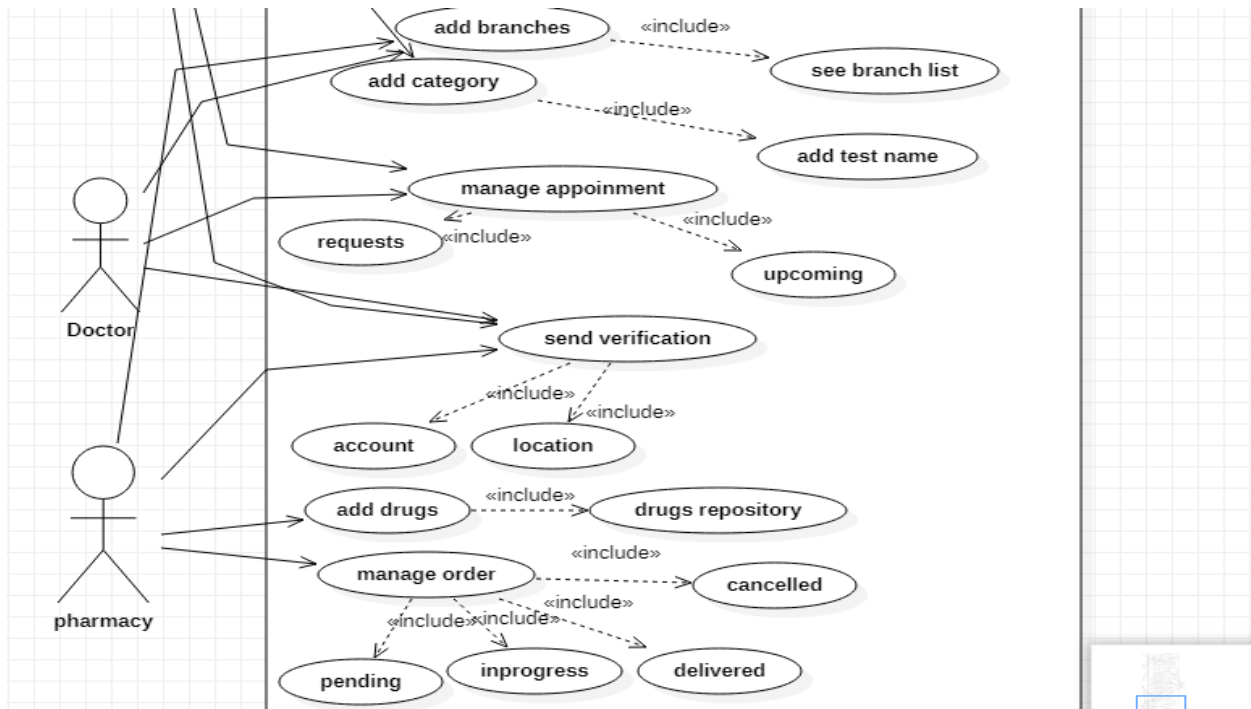


Figure 22: Use case Diagram

9.3 Description of Use case Diagram:

1.Make Registration
Brief Description: Client's, lab, Doctor's, pharmacy made their registration for log in this system.
Actors of this Use Case: Client's, Doctor's, Lab's, Pharmacy.
Pre-conditions: All actor have to be registered in this system.
Basic Flow of the Events: <ul style="list-style-type: none">• Client's, Lab's, Doctor's and Pharmacy authority will click the registration tab.• Fill up the required fields with valid information.• Client's, Lab's, Doctor's and Pharmacy authority need to check email confirmation.
Extensions of this: <ul style="list-style-type: none">• System confirms – about that registration has been completed.• System will show errors message if any invalid or blank data have been given in to the system.
Post-Conditions: Registration has been completed for using this system.

2.Log in the system

Brief Description: Client's, lab, Doctor's, pharmacy and admin log in the system.

Actors of this Use Case: Client's, Doctor's, Lab's, Pharmacy and admin.

Pre-conditions: All actor have to be registered in this system.

Basic Flow of the Events:

- Fill all the required email, username and password field.
- Click on the sign in option for log into the system.

Extensions of this:

- If valid email, username and password are not entered then system showing the error message.

Post-Conditions: log in has been completed successfully.

3. select Department

Brief Description: Client's selects the department like labs, Doctor's and pharmacy for taking the action for service.

Actors of this Use Case: Client's.

Pre-conditions: Client's have to be registered in the system.

Basic Flow of the Events:

- Client's will go to the home page of this system.
- Selects the departments for taking action.

Extensions of this:

- Client's have to select only one department at a time.
- If client's don't select system will not give access to the next action of this system.

Post-Conditions: Client's will access the all three departments of this system.

4. make search for test.

Brief Description: Client's will select lab department for search and see the lab test queries and next maintain the procedure for performing test.

Actors of this Use Case: Client's.

Pre-conditions: Client's have to be registered in this system.

Basic Flow of the Events:

- Client's will select the lab departments.
- Then click the search option.
- Then client's have to be login or if the clients are new in this system, make registration.
- Client's will see the lab location and available lab location in their own locality.

Extensions of this:

- If registered client's can not give the valid email, username or password system shows the error messages.
- For new client's have to make the registration for search tests.
- For performing the test, client's have to send request for test including the test price and date.

Post-Conditions: Client's will be able to search the test and send request for test.

5. search for Doctor's.

Brief Description: Client's will search for Doctor's

Actors of this Use Case: Client's.

Pre-conditions: Client's have to be registered in this system.

Basic Flow of the Events:

- Client's will search for Doctor's for appointment.
- Client's will be able search the Doctor's according department wise.

Extensions of this:

- Client's have to search according the available department name.
- Input field have to filling with required information.

Post-Conditions: Client's will be able to search doctor's and make appointment.

6. send appointment Request.
Brief Description: Client's will send appointment request.
Actors of this Use Case: Client's.
Pre-conditions: Client's have to be registered in this system.
Basic Flow of the Events: <ul style="list-style-type: none"> • Client's will send appointment request. • Client's will add the date and price for sending requests.
Extensions of this: <ul style="list-style-type: none"> • Without adding the date and price client's will not able to send request appointment. • Input field have to fill with valid information.
Post-Conditions: Client's successfully send request for appointment.

7.make order for drugs.
Brief Description: Client's will make order for drugs after selecting drugs quantity, price and delivery method.
Actors of this Use Case: Client's.
Pre-conditions: Client's have to registered in this system.
Basic Flow of the Events: <ul style="list-style-type: none"> • Client's will search for drugs name. • Client's then adding the drugs quantity, price and delivery method for order. • Client's will also be order by prescription.

Extensions of this:

- Delivery and price option cannot be null.
- If these required fields are null, system then shows to fill the fields.

Post-Conditions: Clients have successfully made order for drugs.

8. Add Branches

Brief Description: Lab, Doctor and Pharmacy authority will be able to add branches.

Actors of this Use Case: Labs, Doctor's, Pharmacy.

Pre-conditions: All actor have to be registered in this system.

Basic Flow of the Events:

- They will go to the Dashboard and click the add branches option.
- They will add the branches name and other's information.

Extensions of this:

- Valid information has to input and should not blank the required field.
- Input field have to filling with required information.

Post-Conditions: Lab, Doctor's and Pharmacy had added branches successfully.

9. Add Category

Brief Description: Lab authorities will add the category and test name.

Actors of this Use Case: Labs.

Pre-conditions: Labs authorities have to be registered in this system.

Basic Flow of the Events:

- They will go their Dashboard.
- Then click add category and create test.
- First create the category and then create the test name according category.

Extensions of this:

- Without create category lab authorities will not able to create test name.
- Input field have to filling with required information.

Post-Conditions: Lab authorities successfully create the category and test name.

10. Manage Appointment

Brief Description: Lab and Doctor department will manage the request from the clients.

Actors of this Use Case: Lab and Doctor.

Pre-conditions: Lab and Doctor have to be registered in this system.

Basic Flow of the Events:

- They will go to their individual's dashboard
- They will see their present and upcoming request for appointment.
- . Then they will accept the request.

Extensions of this:

- They can delete the request.
- See the pending requests.

Post-Conditions: Lab authorities and Doctors manages the appointments.

11. Send Verification
Brief Description: Lab and Doctor and Pharmacy sends verification to the admin
Actors of this Use Case: Lab and Doctor and pharmacy.
Pre-conditions: Lab Doctor and Pharmacy department have to be registered in this system.
Basic Flow of the Events: <ul style="list-style-type: none"> • In registration process they have given the account and location verification request. • For location verification they have given the longitude and latitude address. • . For account verification they have to upload their Tin certificate and license.
Extensions of this: <ul style="list-style-type: none"> • Certificate and license field cannot be blanked.
Post-Conditions: Lab, Doctor's and pharmacy department successfully send verification.

12. Add Drugs
Brief Description: Pharmacy departments will add the drugs name.
Actors of this Use Case: Pharmacy.
Pre-conditions: Pharmacy department have to be registered in this system.

Basic Flow of the Events: <ul style="list-style-type: none"> • Pharmacy department will go to the dashboard. • . Then add the drugs name, drug type, drug group, unit price, Quantity, Company name, publication status etc.
Extensions of this: <ul style="list-style-type: none"> • Those input fields never be blanked. • If it exists system shows to add those fields.
Post-Conditions: Pharmacy departments successfully added the drugs.
13. Manage orders
Brief Description: Pharmacy departments will add the drugs name.
Actors of this Use Case: Pharmacy.
Pre-conditions: Pharmacy department have to be registered in this system.
Basic Flow of the Events: <ul style="list-style-type: none"> • Pharmacy department will go to the dashboard. • . Then add the drugs name, drug type, drug group, unit price, Quantity, Company name, publication status etc.
Extensions of this: <ul style="list-style-type: none"> • Those input fields never be blanked. • If it exists system shows to add those fields.
Post-Conditions: Pharmacy departments successfully added the drugs.

14. Add Drugs
Brief Description: Pharmacy departments will add the drugs name.
Actors of this Use Case: Pharmacy.
Pre-conditions: Pharmacy department have to be registered in this system.

Basic Flow of the Events:

- Pharmacy department will go to the dashboard.
- . Then add the drugs name, drug type, drug group, unit price, Quantity, Company name, publication status etc.

Extensions of this:

- Those input fields never be blanked.
- If it exists system shows to add those fields.

Post-Conditions: Pharmacy departments successfully added the drugs.

14. Manage partners

Brief Description: admin will manage the partners.

Actors of this Use Case: admin.

Pre-conditions: admin will log into the system.

Basic Flow of the Events:

- Admin will go to the dashboard.
- Admin will click partners option.
- Then manages Doctor, Lab and pharmacy.
- Admin can block unblock the partners.
- Admin will send mail and message to the partners.

Extensions of this:

- Admin can search partners name.
- admin can take up partners.

Post-Conditions: Admin successfully managed all the partners.

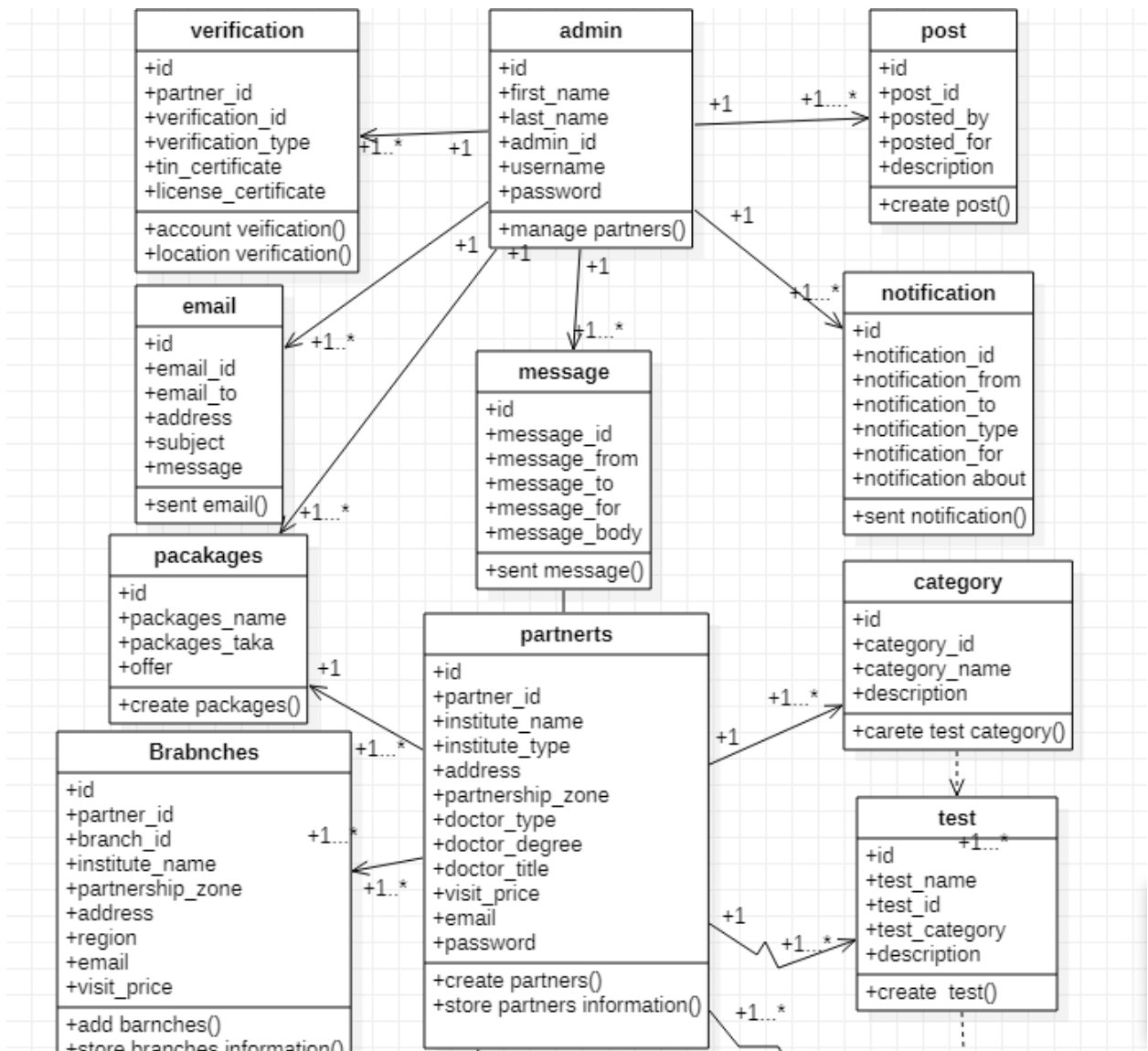
15. Manage clients
Brief Description: admin will manage the clients.
Actors of this Use Case: admin.
Pre-conditions: admin will log into the system.
Basic Flow of the Events: <ul style="list-style-type: none"> • Admin will go to the dashboard. • Admin will click client option. • Then manages clients. • Admin can block unblock the clients. • Admin will send mail and message to the clients.
Extensions of this: <ul style="list-style-type: none"> • Admin can search partners name. • admin can take up partners.
Post-Conditions: Admin successfully managed all the clients.

16. Manages packages
Brief Description: admin will manage partners all packages.
Actors of this Use Case: admin.
Pre-conditions: admin will log into the system.
Basic Flow of the Events: <ul style="list-style-type: none"> • Admin will go to the dashboard. • Admin will click packages option. • Then create new packages, update packages and view packages.
Extensions of this: <ul style="list-style-type: none"> • Admin will all requires information for add packages. • If there any blank field system will shows to fill the fields.
Post-Conditions: Admin successfully manages the packages.

17. Manages request verification
Brief Description: admin will manage request verifications.
Actors of this Use Case: admin.
Pre-conditions: admin will log into the system.
Basic Flow of the Events: <ul style="list-style-type: none"> • Admin will go to the dashboard. • Admin will click request option. • Then see all the account verification. • Admin will see the location verification.
Extensions of this: <ul style="list-style-type: none"> • Admin can cancel the requests.
Post-Conditions: Admin successfully manages the verification requests.

18. Manages post and events
Brief Description: admin will manage post and events.
Actors of this Use Case: admin.
Pre-conditions: admin will log into the system.
Basic Flow of the Events: <ul style="list-style-type: none"> • Admin will go to the dashboard. • Admin will click post and event option. • Then create the post. • Then admin manages the post.
Extensions of this: <ul style="list-style-type: none"> • In post page all required field have to be fill up. • If any exists any blank fields system shows error to fill up.
Post-Conditions: Admin successfully create and managed post and events.

9.4 Class Diagram:



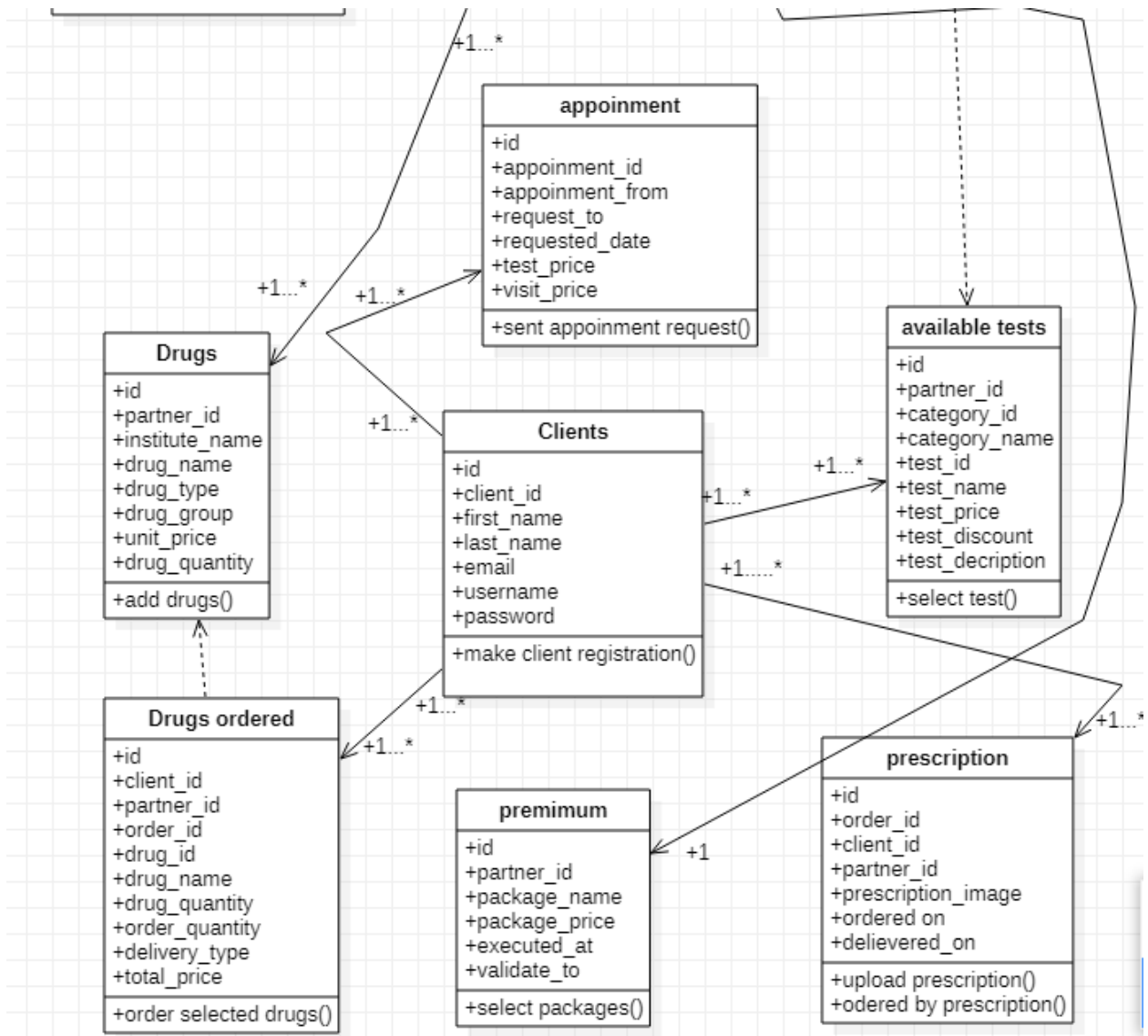
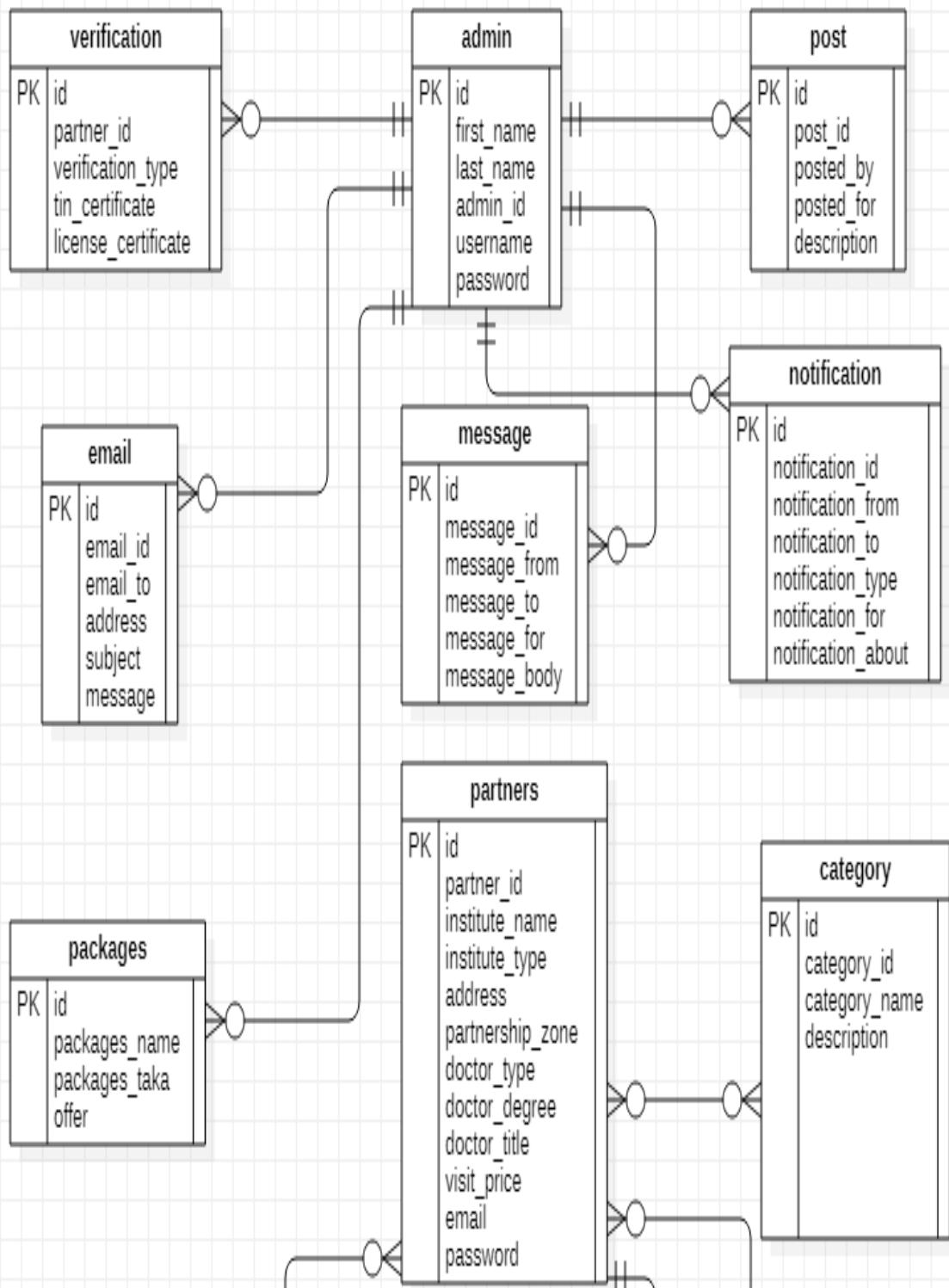


Figure 23: class Diagram.

9.5 Enhanced Entity Relationship Diagram:



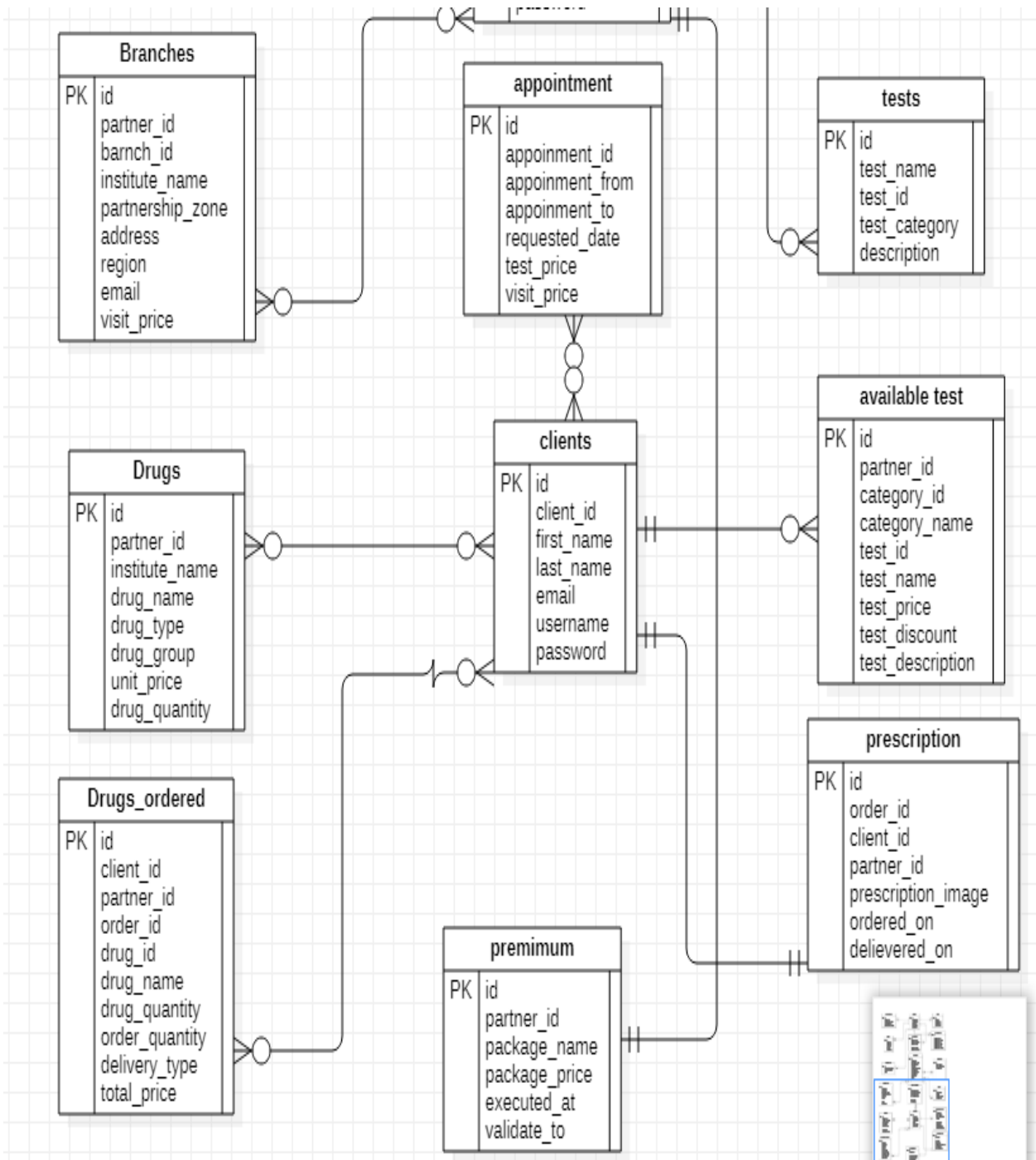


Figure 24: Enhanced Entity Relationship Diagram.

9.6 Sequence Diagram:

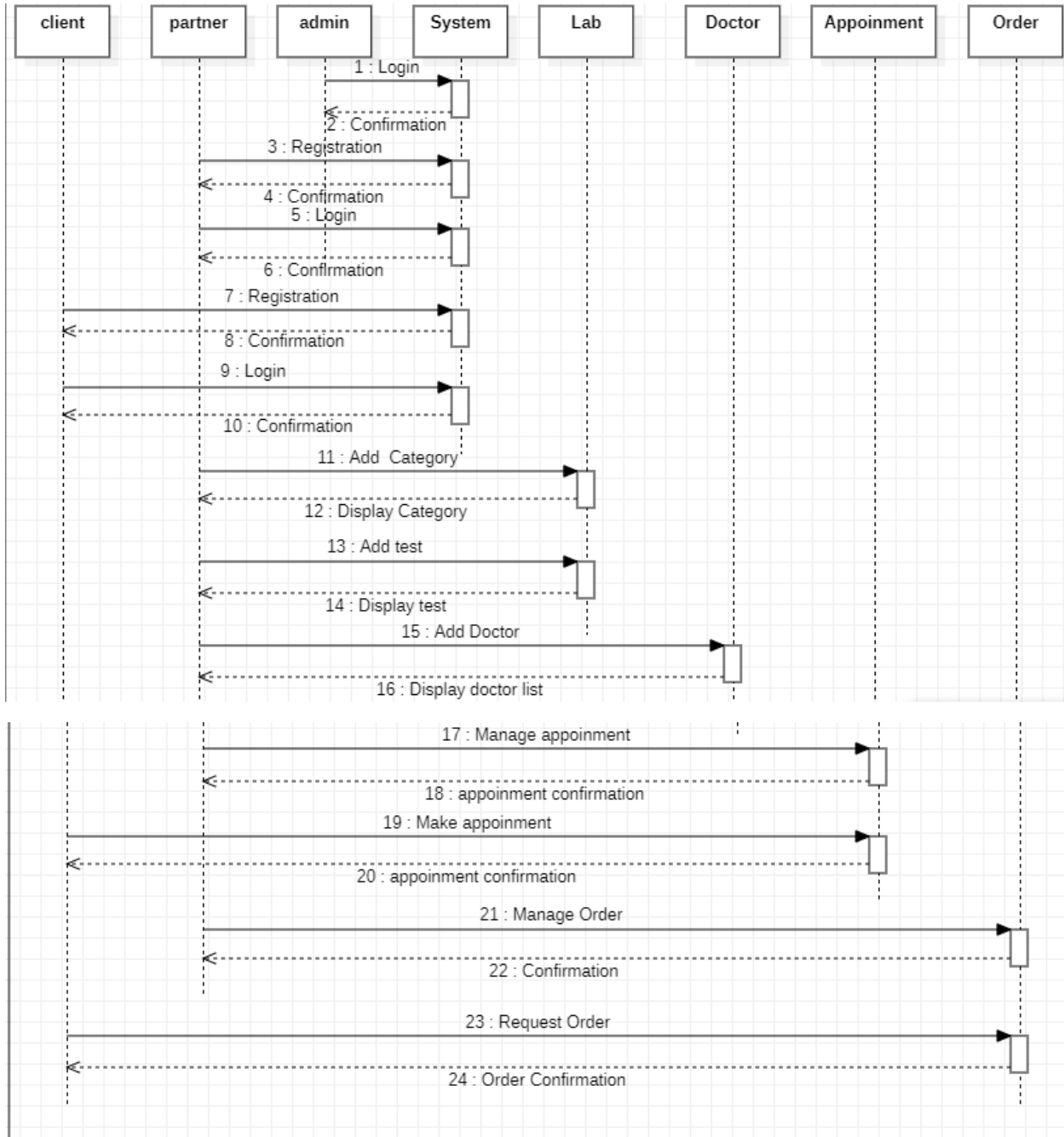


Figure 25: Sequence Diagram.

9.7 System Interface Design:

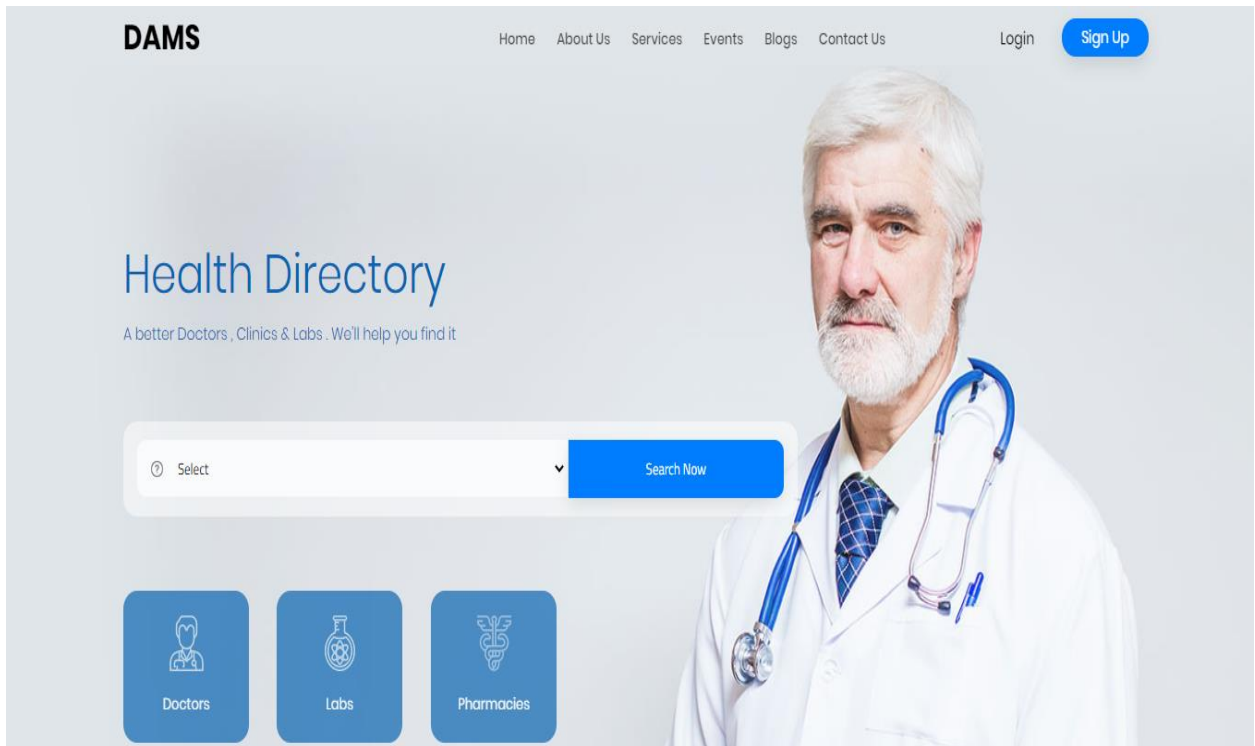


Figure 26: Home page of Diagnostic Assistant (client)

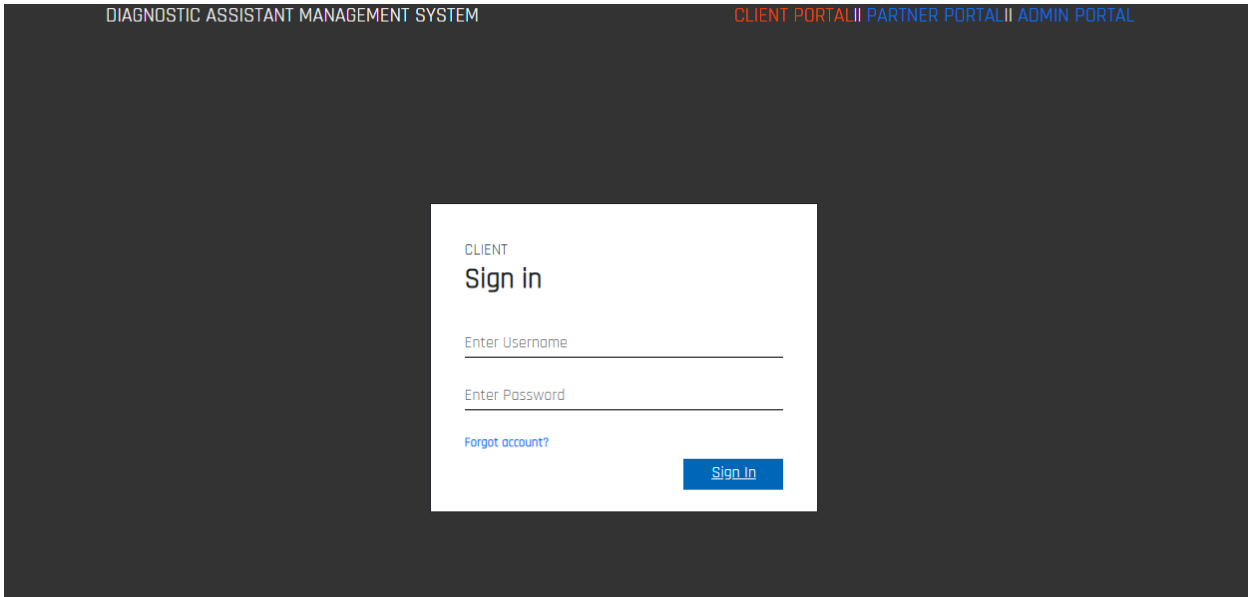


Figure 27: Client log in page.

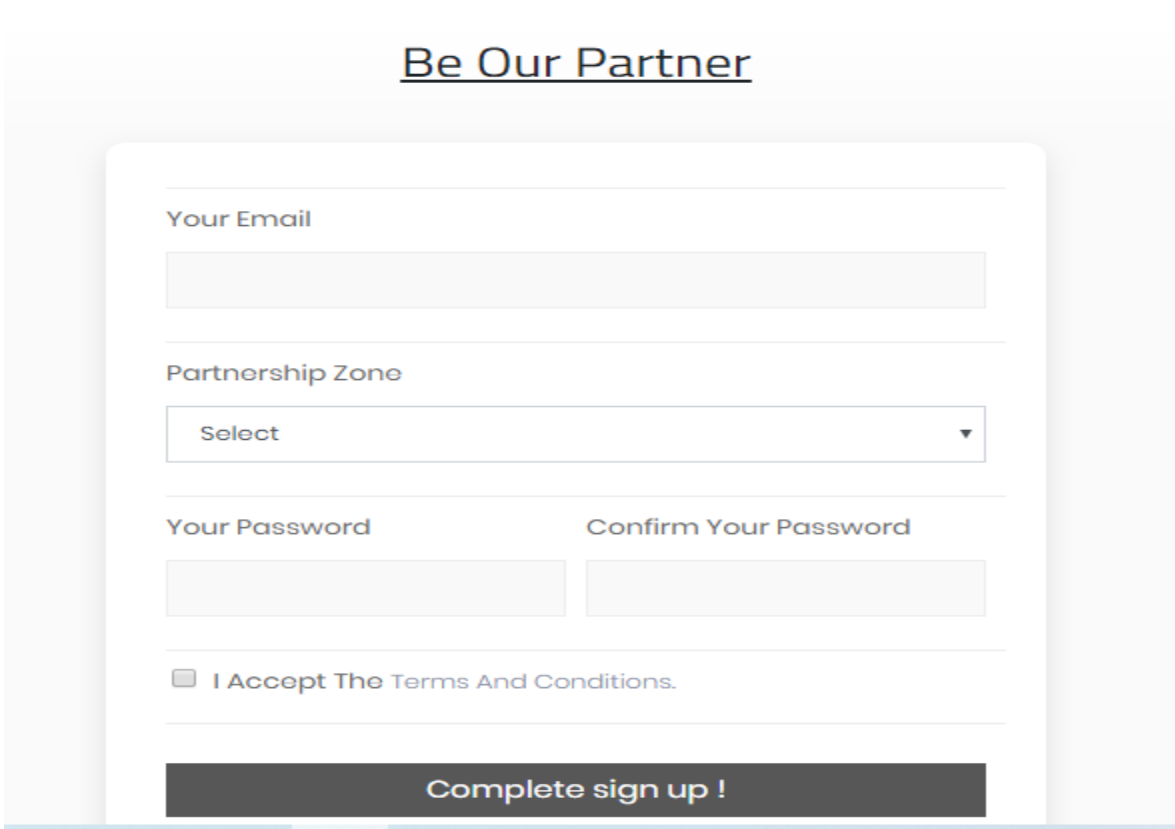


Figure 28: partner Registration page.

Be Our Partner

We have sent a 6 digit code to alaminakanda96@gmail.com. Please provide the code here.

Enter Verification Code

Complete sign up !

Figure 29: sending verification page.

OUR DOCTORS

Search for name,country,city,region,doctor type.

Search



Surgeon

Dr. MD Alamin Akando

★★★★☆ (17 reviews)

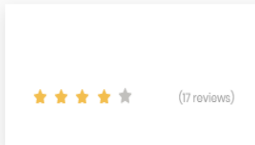



Figure 30: Doctor page of client.

DAMS Home About Us Services Events Blogs Contact Us [0] PROFILE

[View Location](#) [View Branches](#)

Dr. MD Alamin Akando



Ma Diagnostics Center
Country: Bangladesh
City: Dhaka
Region: Mirpur 10

Service Period: 10:00 am - 02:00 pm
Off Days: sunday, Friday
Address: Dhaka, Bangladesh
01521xxxxxxx

Terms & Conditions

[1] Terms and Policy must be followed.
[2] Terms and Policy must be followed.
[3] Terms and Policy must be followed.
[4] Terms and Policy must be followed.
[5] Terms and Policy must be followed.
[6] Terms and Policy must be followed.

Book Appointment

Off Days: sunday, Friday
Service Period: 10:00 am - 02:00 pm
Visiting Price (IN TAKA) 1500

Request For A Date

dd----yyyy

I accept the Terms and Conditions.

[Send Request](#)

Figure 31: Client view page of doctor for making appointment request.

DAMS Home About Us Services Events Blogs Contact Us [0] PROFILE


OUR LABS [Labs in my location.](#)

Serial	Lab Name	Country	City	Region	Action
1	Lab Aid Hospital	Bangladesh	Dhaka	Panthapath	Take Up

Figure 32: Lab part for client Dashboard.

DAMS Home About Us Services Events Blogs Contact Us [0] PROFILE

[View Location](#)



Lab Aid Hospital
Country: Bangladesh
City: Dhaka
Region: Panthapath

Service Period: 24/7
Off Days: No Off Days
Address: asdadsa dsad as
Contacts: 01521888888
01780*****
01849*****

Terms & Conditions

[1] Terms and Policy must be followed.
[2] Terms and Policy must be followed.
[3] Terms and Policy must be followed.
[4] Terms and Policy must be followed.
[5] Terms and Policy must be followed.
[6] Terms and Policy must be followed.

[Choose File](#) No file chosen

your image

Figure 33: uploading prescription page for drugs to the pharmacy.

DAMS Home About Us Services Events Blogs Contact Us [0] PROFILE

SEARCH RESULTS

AVAILABLE TESTS

SERIAL	CATEGORY NAME	TEST NAME	ACTION
1	bloodtest	Calcium blood test	Take Up

Search Filter

Category ▼

Test Name ▼

Search Now

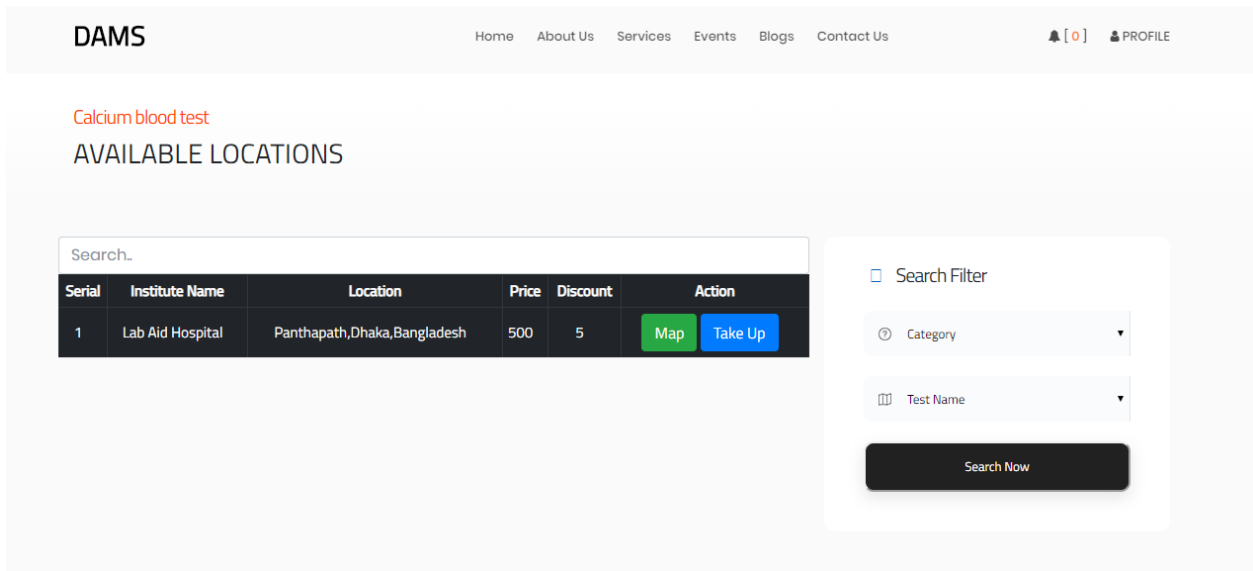


Figure 34: Test page for client.

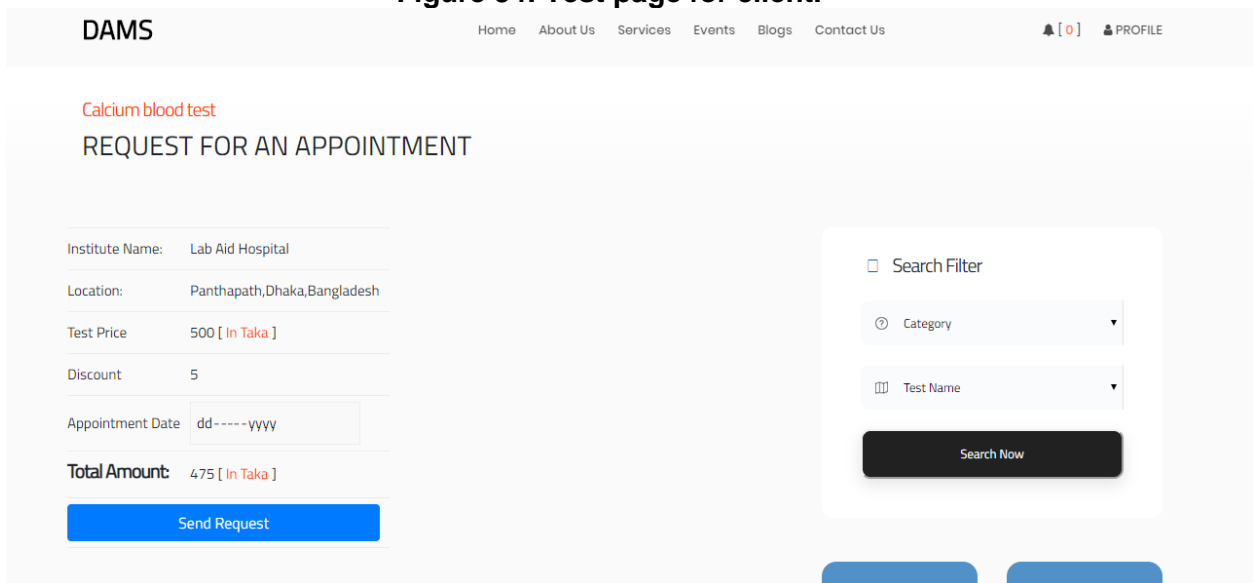


Figure 35: Sending appointment request for Lab test.

DAMS Home About Us Services Events Blogs Contact Us 🔔 [0] 👤 PROFILE

OUR PHARMACIES

Serial	Pharmacy Name	Country	City	Region	Action
1	Lazz Pharma	Bangladesh	Dhaka	Uttora	<input type="button" value="Take Up"/>
2	Lazz Pharma	Bangladesh	Dhaka	Mirpur 11	<input type="button" value="Take Up"/>
3	Lazz Pharma	Bangladesh	Dhaka	Mirpur 11	<input type="button" value="Take Up"/>

Figure 36: Pharmacies portion of client dashboard.

DRUGS IN LAZZ PHARMA

Search

📄 Order By Prescription

Serial	Drug Name	Drug Type	Drug Group	Weight/Volume	Producer	Available at	Unit Price [In Taka]	Action
1	Pyrenol	Tablet	Peracetamol	250 mg	Square	Lazz Pharma	2	Select
2	Napa	Tablet	Peracetamol	250 mg	Square	Lazz Pharma	2	Select
3	ACE+	Tablet	Peracetamol	250 mg	Square	Lazz Pharma	2	Select
4	Tuska	Liquid	Xxxx	250 ml	Square	Lazz Pharma	100	Select
5	Napa Xtra	Tablet	Peracetamol	250 mg	Square	Lazz Pharma	2	Select

Pyrenol 250 mg

Drug Name	Pyrenol	Terms & Conditions [1] Terms and Policy must be followed. [2] Terms and Policy must be followed. [3] Terms and Policy must be followed. [4] Terms and Policy must be followed. [5] Terms and Policy must be followed. [6] Terms and Policy must be followed.	Order Details Unit Price (IN TAKA) <input style="width: 50px;" type="text" value="2"/> Quantity <input style="width: 50px;" type="text"/> Select Delivery Method <input style="width: 100%;" type="text"/> TOTAL PRICE <input style="width: 50px;" type="text"/> <input type="checkbox"/> I accept the Terms and Conditions. <div style="text-align: center; margin-top: 10px;">Order Now</div>
Drug Type	Tablet		
Drug Group	Peracetamol		
Producer	Square		
Weight/Volume	250 mg		
Selected Pharmacy			
Pharmacy Name	Lazz Pharma [Check]		

Figure 37: Order drugs by clients.

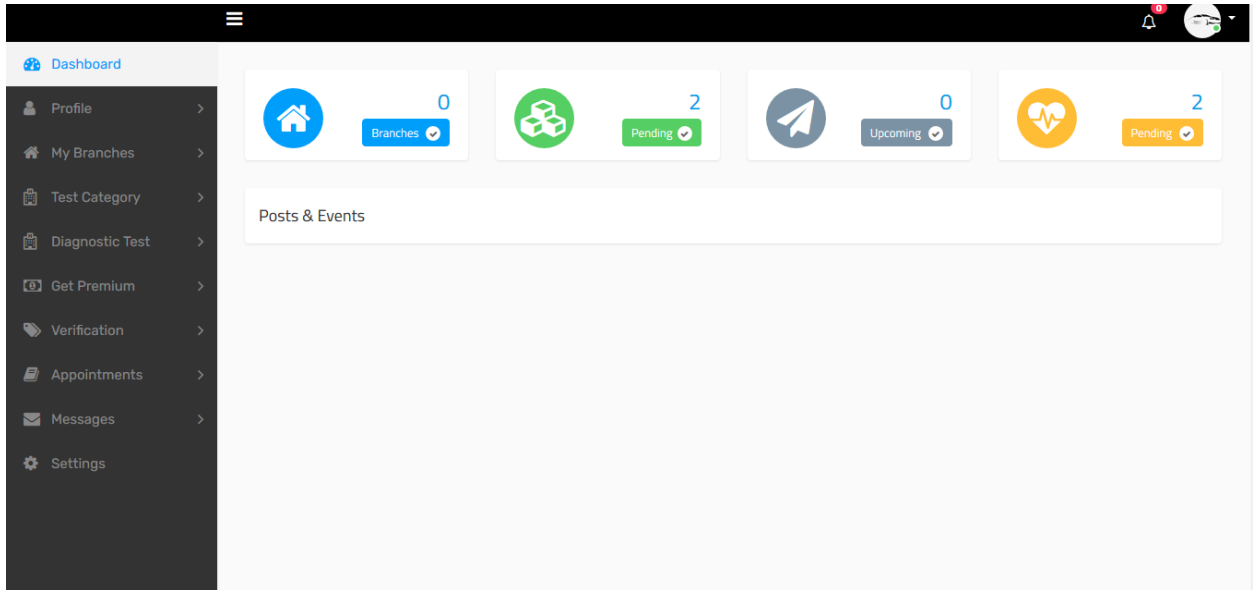


Figure 38: Lab partner Dashboard

[ADD BRANCH](#) [ALL BRANCHES](#)

INSTITUTE NAME *	PARTNERSHIP ZONE *
<input type="text" value="Lab Aid Hospital"/>	<input type="text" value="lab"/>
COUNTRY*	CITY*
<input type="text" value="Bangladesh"/>	<input type="text" value="Enter Branch City"/>
REGION*	SERVICE PERIOD*
<input type="text" value="Enter Branch Region"/>	<input type="text" value="24/7"/>
OFF DAYS*	CONTACT NO 1*
<input type="text" value="None"/>	<input type="text" value="Enter Contact No"/>
CONTACT NO 2	CONTACT NO 3
<input type="text" value="Enter Contact No"/>	<input type="text" value="Enter Contact No"/>
HOTLINE NO*	EMAIL ADDRESS*
<input type="text" value="Enter Hotline No"/>	<input type="text" value="Enter Email Address"/>

Figure 39: Add branches for lab

Create Category

[Manage Category](#)

Category Name *

Category Id *

Publication Status *

Category Description *

[Save](#)

Figure 40: Create category of test.

Manage Category

[+ Create New](#)

Serial No	Category Name	Category ID	Action
1	<input type="text" value="bloodtest"/>	<input type="text" value="blood@test 1"/>	<input type="button" value="edit"/> <input type="button" value="confirm"/> <input type="button" value="delete"/>

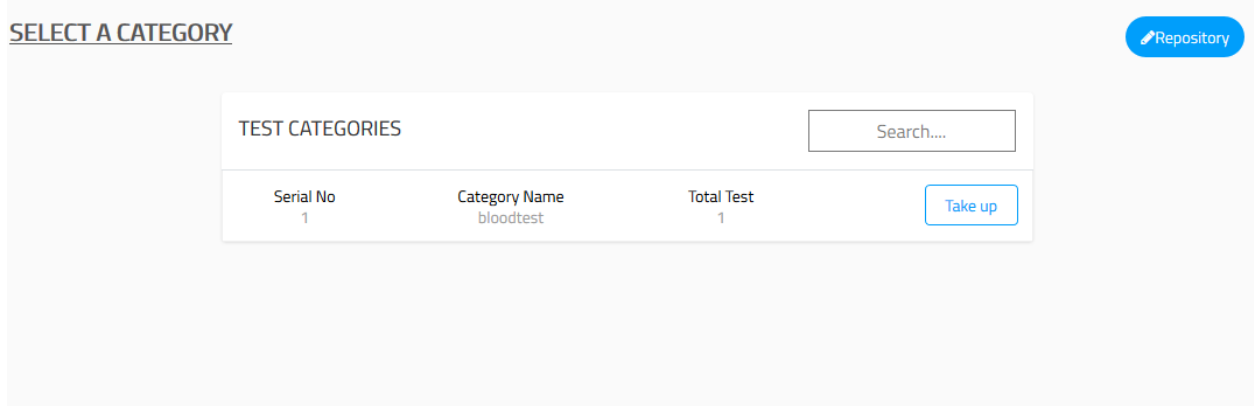


Figure 41: Manage and select Category for test page.

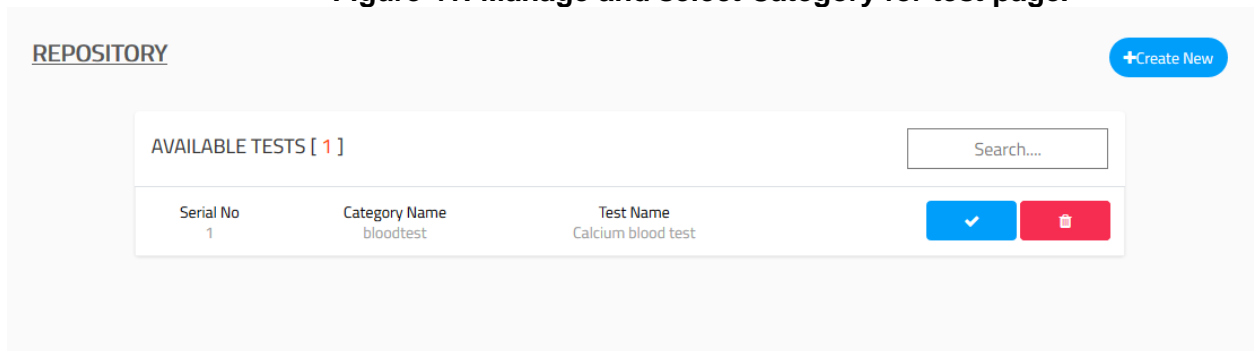



Figure 36: Test Repository page.

MAKE A CHOICE 

BRONZE	SILVER	GOLD <small>HOT</small>	PLATINUM
\$20/Month 2000 Taka/Month	\$30/Month 3000 Taka/Month	\$40/Month 4000 Taka/Month	\$60/Month 5000 Taka/Month
free for one month	free for 2 month	4 month free use	free five month use
free to use	unlimited use	unlimited add test	unlimited test adding
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x

inard/partner/lab/premium-packages.php

Figure 42: Selecting Package page.

Location Verification 

Google Map Information

[How to get longitude and latitude?](#)

Figure 43: Location verification page.

Account Verification ✔

Upload TIN Certificate

Upload a clear photo. Follow the example.



upload

Upload License Certificate

Upload a clear photo. Follow the example.



Figure 44: Account and location verification page.

Appointment Requests

Upcomings

Appointments					
Serial	Test Name	Test Price	Requested Date	Status	Action
1	Calcium blood test	475	19-04-2020	Pending	Accept Cancel
2	Calcium blood test	475	09-05-2020	Pending	Accept Cancel

Figure 45: upcoming Appointment's Requests.

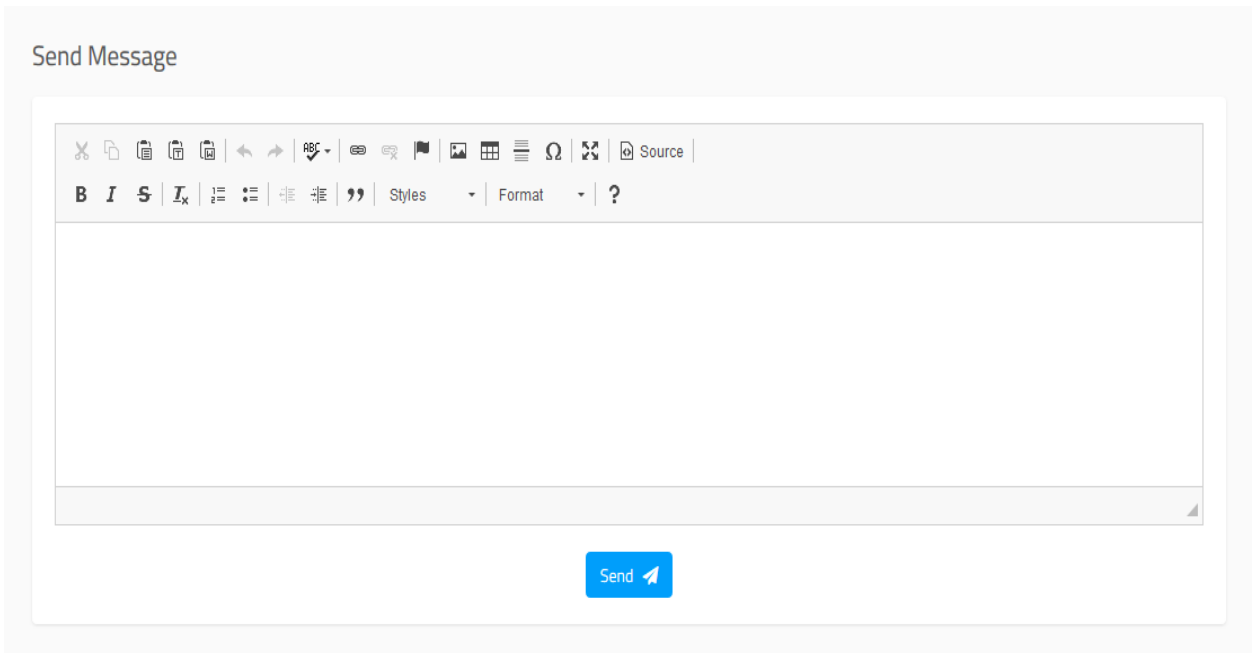


Figure 46: Send message page.

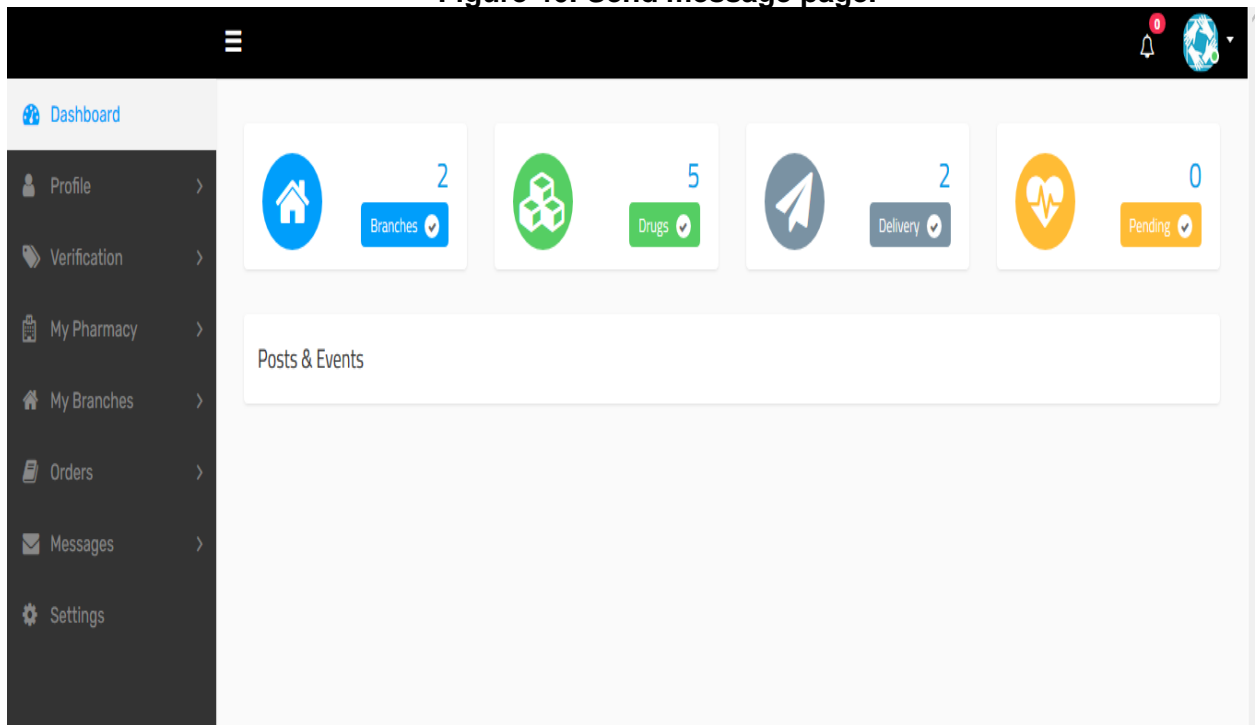


Figure 47: Dashboard of Pharmacy department.

ADD DRUG REPOSITORY

DRUG NAME * **DRUG TYPE ***

DRUG GROUP* **PRODUCER/COMPANY***

UNIT PRICE [IN TAKA]* **QUANTITY/WEIGHT/VOLUME ***

PUBLICATION STATUS *

[Save](#)

Drug Repository Add Drug

Total Drugs: 5

Name	Type	Group	Producer	Unit Price	Quantity	Status		
Pyrenol	Tablet	Peracitamol	Square	2	250 mg	Published	Edit	Delete
Napa	Tablet	Peracitamol	Square	2	250 mg	Published	Edit	Delete
ACE+	Tablet	Peracitamol	Square	2	250 mg	Published	Edit	Delete
Tuska	Liquid	Xxxxx	Square	100	250 ml	Published	Edit	Delete
Napa Xtra	Tablet	Peracitamol	Square	2	250 mg	Published	Edit	Delete

Figure 48: Add drugs and repository for pharmacy department.

ADD BRANCH ALL BRANCHES

INSTITUTE NAME * Lazz Pharma	PARTNERSHIP ZONE * pharmacy
COUNTRY* Bangladesh	CITY* Enter Branch City
REGION* Enter Branch Region	SERVICE PERIOD* 24/7
OFF DAYS* None	CONTACT NO 1* Enter Contact No
CONTACT NO 2 Enter Contact No	CONTACT NO 3 Enter Contact No
HOTLINE NO*	EMAIL ADDRESS*

Branch List Add Branch

Search Total Branch: 2

Branch Name	Country	City	Region	Address	Status		
Lazz Pharma	Bangladesh	Dhaka	Mirpur 11	wdsadas sad sad asds aas das	Published		
Lazz Pharma	Bangladesh	Dhaka	Mirpur 11	wdsadas sad sad asds aas das	Published		

Figure 49: Add branches and see branches list.

Pending Orders

Orders For Drug Total Orders: 0

This repository is empty.

Orders By Prescription Total Orders: 0

This repository is empty.

Processing Orders

Orders For Drug Total Orders: 1

Ordered Drug	Delivery Type	Total Price	Ordered On	
Pyrenol	Home Delivery	210	Tuesday ,April 21, 2020	

Orders By Prescription Total Orders: 1

Delivery Type	Ordered On	
Home Delivery	07-05-2020	

Figure 50: pending order and processing order page.

Delivered Orders

Orders For Drug Total Orders: 1

Ordered Drug	Delivery Type	Total Price	Delivered On	
Pyrenol	Home Delivery	220	23-04-2020	

Orders By Prescription Total Orders: 1

Delivery Type	Delivered On	
Home Delivery	23-04-2020	

Cancelled Orders

Orders For Drug Total Orders: 1

Ordered Drug	Delivery Type	Total Price	Ordered On	
Pyrenol	Home Delivery	210	08-05-2020	

Orders By Prescription Total Orders: 1

Delivery Type	Ordered On	
Home Delivery	20-04-2020	

Figure 51: Delivered and Cancelled orders page.

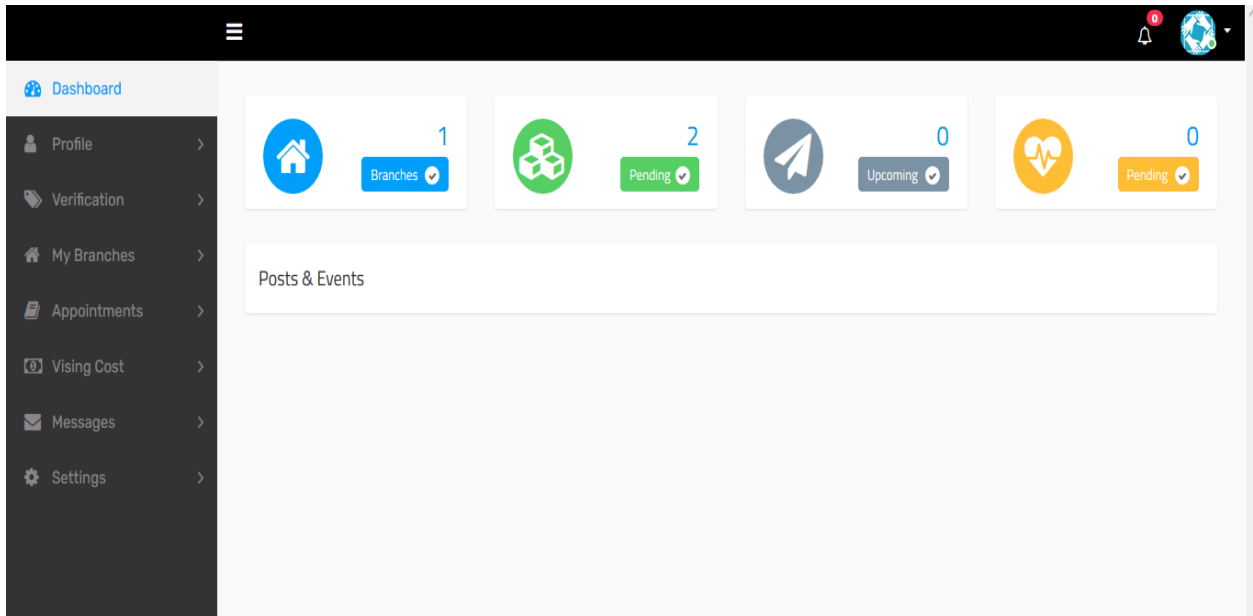


Figure 52: Doctor's Dashboard department.

ADD BRANCH ALL BRANCHES

<p>INSTITUTE NAME *</p> <input type="text" value="Enter Drug Name"/>	<p>PARTNERSHIP ZONE *</p> <input type="text" value="doctor"/>
<p>COUNTRY*</p> <input type="text" value="Bangladesh"/>	<p>CITY*</p> <input type="text" value="Enter Branch City"/>
<p>REGION*</p> <input type="text" value="Enter Branch Region"/>	<p>SERVICE PERIOD*</p> <input type="text" value="24/7"/>
<p>OFF DAYS*</p> <input type="text" value="None"/>	<p>CONTACT NO 1*</p> <input type="text" value="Enter Contact No"/>
<p>CONTACT NO 2</p> <input type="text" value="Enter Contact No"/>	<p>CONTACT NO 3</p> <input type="text" value="Enter Contact No"/>
<p>HOTLINE NO*</p> <input type="text" value="Enter Contact No"/>	<p>EMAIL ADDRESS*</p> <input type="text" value="Enter Contact No"/>

Branch List Add Branch

Search Total Branch: 1




Branch Name	Country	City	Region	Address	Status		
Janata Diagnostics Center	Bangladesh	Dhaka	Mirpur 10	sadsadsa dsad sadsa dsadsadsadsad sad sa	Published		

Figure 53: Add branch and Branch list page.

Location Verification 

LOCATION VERIFIED!




Figure 54: location verification confirmation.

[Account Verification](#) 

ACCOUNT VERIFIED!



Figure 55: Account verification confirmation.

[Update Visiting Cost](#)

Branch Name	Country	City	Region	Status	Visiting Cost [BDT]	
Ma Diagnostics Center	Bangladesh	Dhaka	Mirpur 10	Published	<input type="text" value="1500"/>	<input type="button" value="Update"/>
Janata Diagnostics Center	Bangladesh	Dhaka	Mirpur 10	Published	<input type="text" value="3000"/>	<input type="button" value="Update"/>

Figure 56: update visiting cost page.

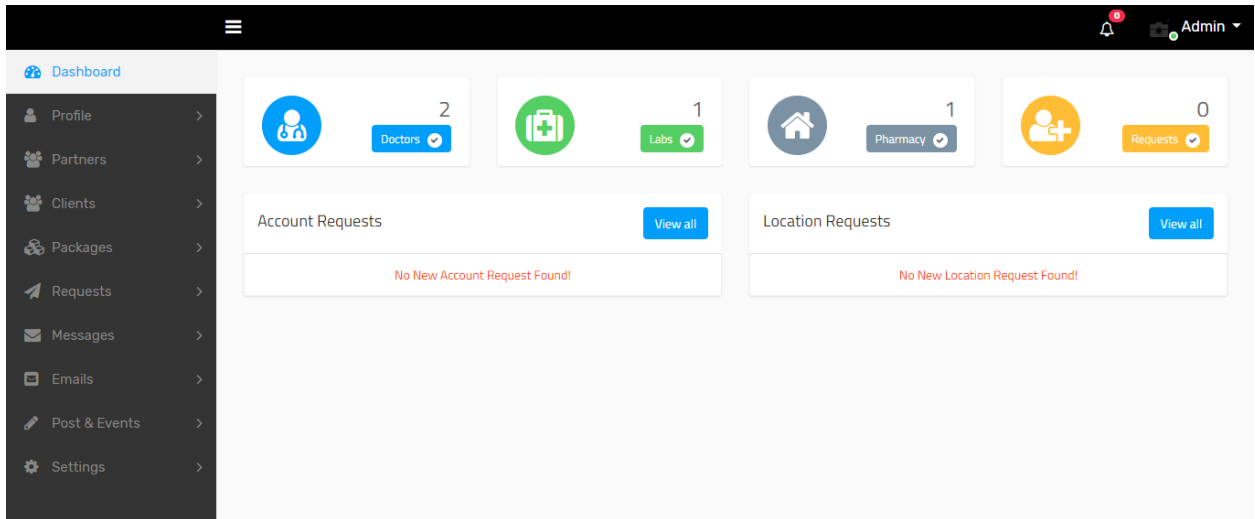
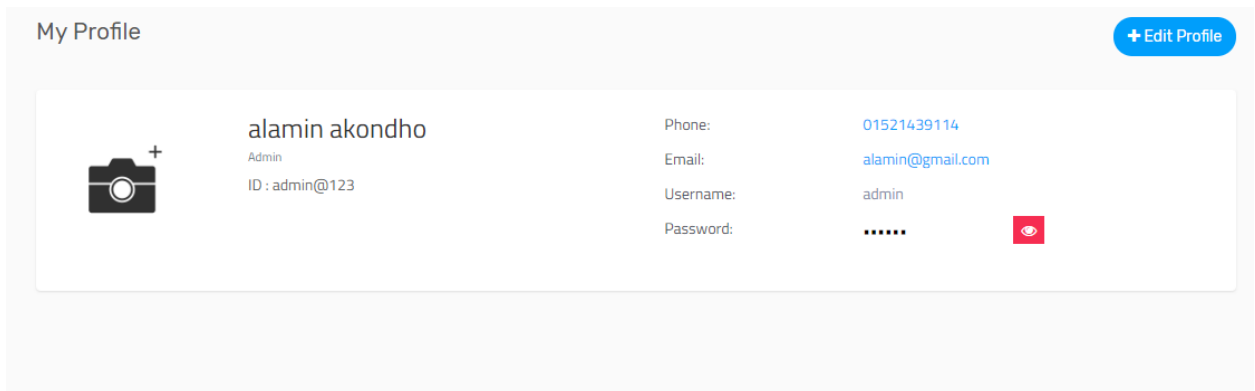



Figure 57: Admin dashboard.



Edit Profile

Basic Informations



First Name* alamin	Last Name akondho
Email* alamin@gmail.com	Phone* 01521439114

Authentication Data

Admin ID* admin@123	Username* admin
Password* 123456	

Figure 58: Edit profile page.

Partners: **Doctors**

Search Total Labs: 2




	Institute Name	Region	Joining Date	Profile Status	Account Status	Status	Take up	
	Dr. MD Alamin Akando MBBS, FCPS	Ma Diagnostics Center	Mirpur 10,Dhaka	19-05-2020	Incomplete	Not Verified	Active	Take up
	Ma Diagnostics Center	Mirpur 10,Dhaka		Complete	Verified	Active	Take up	

Figure 59: Doctor's list page.

Partners: **Labs**

Search Total Labs: 1


	Region	Joining Date	Profile Status	Account Status	Status	Take up
Lab Aid Hospital Dhaka,Bangladesh	Panthapath,Dhaka		Complete	Verified	Active	Take up

Figure 60: Lab partners list page.

Partners: **Pharmacies**

Total Pharmacies: 1

	Lazz Pharma Dhaka, Bangladesh	Region Uttora, Dhaka	Joining Date	Profile Status Complete	Account Status Verified	Status Active	Take up
--	----------------------------------	-------------------------	--------------	----------------------------	----------------------------	------------------	--

Figure 61: pharmacies list page.

PROFILE Edit Profile

Lazz Pharma Pharmacy
Dhaka, Bangladesh

✖ Remove
🚫 Block
✉ Mail

Email: sadaakalo39@gmail.com

Contact Number1: 01521xxxxxx

Contact Number2: 01780xxxxxx

Contact Number3: 01849xxxxxx

Hotline Number: +99998545

About
Address/Location
Branches
Packages
Links & Authentication
Certificates

Short Description

xxxx xxxxxxxxxxxxxxxx xxxxxxxxxxxx xxxxxxxxxxxxxxxx xxxxxxxxxxxx

Other Info

TIN Number: xxxxxxxxxxxxxxxx

Reg Number: xxxxxxxxxxxxxxxx

Off Days: No Off Days

Service Period: 24/7


Figure 62: Manage doctor, lab and pharmacy authorities.

Partners: **Doctors**

Total Labs: 2

	mdalamin	Country Bangladesh	City Dhaka	Joining Date 22-04-2020	Status Active	Take up
--	----------	-----------------------	---------------	----------------------------	------------------	--

PROFILE



mdalamin

✖ Remove 🚫 Block ✉ Mail

Email: mdalamin@gmail.com

Contact Number: [01780602502](tel:01780602502)

Country: [Bangladesh](#)

City: [Dhaka](#)

Address: [Dhaka, Bangladesh](#)

Joining Date: [22-04-2020](#)

[About](#) [Address/Location](#) [Links & Authentication](#)

Short Description

Other Info
 TIN Number:

Figure 63: Manage clients page.

CREATE PACKAGE All Packages

PACKAGE NAME*
 Bronze

PUBLICATION STATUS*
 Published

PRICE IN TAKA*

PRICE IN USD*

OFFER 01

OFFER 02

OFFER 03

OFFER 04

OFFER 05

OFFER 06

OFFER 07

OFFER 08

BRONZE	SILVER	GOLD <small>HOT</small>	PLATINUM
\$20/Month	\$30/Month	\$40/Month	\$60/Month
2000 Taka/Month	3000 Taka/Month	4000 Taka/Month	5000 Taka/Month
[Published]	[Published]	[Published]	[Published]
free for one month	free for 2 month	4 month free use	free five month use
free to use	unlimited use	unlimited add test	unlimited test adding
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
▼	▼	▼	▼

Figure 64: create and view packages page.

Mails From People

"

Hello...

"

Message For: [partner](#)

Message To: [Profile](#)

Sent On: Thursday, May 7, 2020, 3:45 pm

"

Hi...

"

Message For: [partner](#)

Message To: [Profile](#)

Sent On: Thursday, May 7, 2020, 4:04 pm

"

hello

Figure 65: send message to admin page.

Post Title*

Post Description*



✂ | 📄 | 📄 | 📄 | 📄 | ⬅ | ➡ | ABC | 🔗 | 🗨 | 📧 | 🖼 | 📊 | ☰ | Ω | 🔄 | 📄 | Source

B *I* **S** *I_x* | ☰ | ☰ | ☰ | ☰ | ☰ | ☰ | Styles | Format | ?

Post For*

Select

Posts

This is a test post. ✓  



Dear all,

I am glad to introduce you to {name of person}, who will be assisting us as an intern for the next 6 months. He is a third-year Economics student at {name of institution}, and is excited about joining the team.

I hope to see you all welcome him into the office and provide him with your help and feedback wherever necessary.

Fond regards,
{Your name}

Posted By: admin
Posted For:
Posted On: Thursday ,May 7, 2020, 6:18 pm

This is a test post. ✓  

Dear all,

I am glad to introduce you to {name of person}, who will be assisting us as an intern for the next 6 months. He is a third-year Economics student at {name of institution}, and is excited about joining the team.

I hope to see you all welcome him into the office and provide him with your help and feedback wherever necessary.

Fond regards,
{Your name}

Posted By: admin
Posted For:
Posted On: Thursday ,May 7, 2020, 6:16 pm

Figure 66: post create page

Chapter: 10: Deployment

- ✚ Sample of Core Modeling code
- ✚ Breaking Down the possible problem

10.1 Sample of core modeling Techniques:

```
.active{ color: orangered}
</style>
</head>
<body>
  <div class="container">
    <div class="row">
      <div class="col-sm-5">
        <center><a href="../../home/" style="...">DIAGNOSTIC ASSISTANT MANAGEMENT SYSTEM</a></center>
      </div>
      <div class="col-sm-2"></div>
      <div class="col-sm-5" style="...">
        <a class="active" href="index.php">CLIENT PORTAL</a>||
        <a href="../../partners/">PARTNER PORTAL</a>||
        <a href="../../admin/">ADMIN PORTAL</a>
      </div>
      <div class="col-sm-12">
        <div class="form">
          <div class="head">CLIENT <?php echo $result ?><br><h3><b>Sign in</b></h3></div>
          <br>
          <form method="post" action="">
            <input placeholder="Enter Username" type="text" name="username" required><br><br>
            <input placeholder="Enter Password" type="password" name="password" autocomplete="new-password" require
            <div class="bottom"><h6><a href="#">Forgot account?</a> </h6></div>
            <input type="submit" class="submit btn-dark" name="login" value="Sign In">
          </form>
        </div>
      </div>
    </div>
  </div>
</div>
```

Figure 67: Log in page.

```
</td>
<td>
  <div class="form-group label-floating">
    <label class="control-label">Last Name</label>
    <input class="" type="text" name="last_name" autocomplete="nope" required>
  </div>
</td>
</tr>
<tr>
<td colspan="2">
  <div class="form-group label-floating">
    <label class="control-label">Your Email</label>
    <input class="" placeholder="" type="email" value="<?= $email = $_SESSION['email'] ?>"
  </div>
</td>
</tr>
<tr>
<td colspan="2">
  <div class="form-group label-floating">
    <label class="control-label">Your Phone</label>
    <input class="" placeholder="" type="text" name="phone" autocomplete="nope" required s
  </div>
</td>
</tr>
<tr>
<td colspan="2">
  <div class="form-group label-floating">
    <label class="control-label">Country</label>
    <select name="country" style="...">
      <option value="" selected disabled>Select</option>
      <?php include '../dashboard/countries2.php'?>
    </select>
  </div>
</td>
</tr>
```

Figure 68: Client sign up page.

```

</div>
<div class="col-sm-4 card" style="...">
  <h3 style="">Order Details</h3>
  <form method="POST" action="" oninput="total.value=parseFloat(a.value)*parseFloat(b.value)+parseInt(c.value)">
    <input type="hidden" name="partner_id" value="<?= $partner_id; ?>"/>
    <input type="hidden" name="drug_id" value="<?= $drug_id; ?>"/>
    <input type="hidden" name="drug_name" value="<?= $name; ?>"/>
    <input type="hidden" name="drug_quantity" value="<?= $quantity; ?>"/>
    <table>
      <tr>
        <td>Unit Price <small>(IN TAKA)</small></td>
        <td><input value="<?= $price ?>" id="a" style="..." readonly/>
        </td>
      </tr>
      <tr>
        <td>Quantity</td>
        <td><input type="number" min="1" id="b" name="order_quantity" style="..." required/>
        </td>
      </tr>
      <tr>
        <td colspan="2">
          <select id="c" required name="delivery_type">
            <option value="" selected disabled>Select Delivery Method</option>
            <option value="200" style="...">Home Delivery</option>
            <option value="0">Physical</option>
          </select>
        </td>
      </tr>
      <tr>
        <td style="..."><b>TOTAL PRICE</b></td>
        <td><input style="..." name="total" for="a b c" readonly/></td>
      </tr>
    </table>
  </form>
</div>

```

Figure 69: Drugs order page.

```

<?php
session_start();
require_once './server/Home.php';

$result = "";

$server = new Home();

if (isset($_POST['submit'])) {
    $result = $server->client_email_check($_POST);
}
?>
<!DOCTYPE html>
<html lang="en-US">
<head>
    <?php include './parts/css-links.php'; ?>
</head>

<style>
    table{
        padding: 0;
    }
    input{
        width: 200px;
    }
</style>

<body>

<header>

```

Figure 70: Client-email page.

```

<tr>
    <td rowspan="5" style="...">
        
    </td>
</tr>
<tr>
    <td><b><? = $row['institute_name'] ?></b></td>
</tr>
<tr>
    <td><span style="...">Country:</span><? = $row['country'] ?></td>
</tr>
<tr>
    <td><span style="...">City:</span><? = $row['city'] ?></td>
</tr>
<tr>
    <td><span style="...">Region:</span><? = $row['region'] ?></td>
</tr>
<tr>
    <td>Service Period:</td>
    <td><? = $row['service_period'] ?></td>
</tr>
<tr>
    <td>Off Days:</td>
    <td><? = $row['off_days'] ?></td>
</tr>
<tr>
    <td>Address:</td>
    <td><? = $row['address'] ?></td>
</tr>
<tr>
    <td>Contacts</td>

```

Figure 71: Drug prescription.

```
<?php
if (isset($_GET["institute_name"])) {
    $address = $_GET["institute_name"];
    $address = str_replace(" ", "+", $address);
    ?>

    <iframe width="100%" height="500" src="https://maps.google.com/maps?q=?php echo $address; ?&output=embed"></iframe>

<?php
}
?>
```

Figure 72: Location on map.

```
<div class="container margin-bottom-100px">
  <div class="row">
    <div id="log-in" class="site-form log-in-form box-shadow border-radius-10">
      <div class="form-output">
        <form method="POST" action=?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>
          <table>
            <tr>
              <td style="...">
                <h4>We have sent a 6 digit code to <span style="..."><?php echo $email = $_SESSION['partner_
              </td>
            </tr>
            <tr>
              <td>
                <div class="form-group label-floating">
                  <input type="hidden" name="email" value=?= $email ?>
                  <label class="control-label">Enter Verification Code</label>
                  <input class="" placeholder="" type="number" name="code" autocomplete="nope" required sty
                </div>
              </td>
            </tr>
            <tr>
              <td colspan="2">
                <button class="btn btn-md btn-primary full-width" type="submit" name="submit">Complete sign u
              </td>
            </tr>
          </table>
        </form>
      </div>
    </div>
  </div>
</div>
```

Figure 73: Partner email confirmation.

```

<div class="container">
  <div class="row">
    <div class="col-lg-8">
      <div class="row">
        <div class="">
          <form method="POST" action="">
            <table>
              <?php while ($row = $result->fetch_assoc()) { ?>
                <tr>
                  <td>Institute Name:</td>
                  <td><?php echo $server->name_by_id($row['partner_id']); ?></td>
                </tr>
                <tr>
                  <td>Location:</td>
                  <td><?php echo $server->location_by_id($row['partner_id']) ?></td>
                </tr>
                <tr>
                  <td>Test Price</td>
                  <td><?php echo $row['test_price'] ?> [ <span style="...">In Taka</span> ]</td>
                </tr>
                <tr>
                  <td>Discount</td>
                  <td><?php echo $row['test_discount'] ?></td>
                </tr>
                <tr>
                  <td>Appointment Date</td>
                  <td><input type="date" name="requested_date" required/></td>
                </tr>
                <tr>
                  <td><h3><b>Total Amount:</b></h3></td>
                  <td><?php
                    $total = $row['test_price'];

```

Figure 74: Clients Test availability.


```

</thead>
<tbody>
<?php
if ($data->num_rows > 0) {
    while ($row = $data->fetch_assoc()) {
        ?>
        <tr>
            <td style="...">
                <a class="avatar" href=""><a href=""><?php echo $row['institute_name'] ?><span><?php echo $row['city'] ?>,<?php echo $row['country'] ?
            </td>
            <td>
                <h5 class="time-title p-0">Type</h5>
                <p>Account Verification</p>
            </td>
            <td class="text-right">
                <a href="verify-account.php?partner_id=<?php echo $row['partner_id'] ?>&verification_type=account" class="btn btn
            </td>
        </tr>
    <?php
    }
} else {
    ?>
<div class="col-md-12 col-sm-12 col-lg-12">
    <div class="profile-widget">
        <center>
            
        </center>
    </div>
</div>
<?php }

```

Figure 75: Account verification.

```

class="table-responsive">
<table class="table mb-0">
<thead class="d-none">
</thead>
<tbody>
<?php
if ($data->num_rows > 0) {
    while ($row = $data->fetch_assoc()) {
        ?>
        <tr>
            <td style="...">
                <a class="avatar" href=""><a href=""><?php echo $row['institute_name'] ?><span><?php echo $row['city'] ?>,<?php echo $row['country']
            </td>
            <td>
                <h5 class="time-title p-0">Type</h5>
                <p>Location Verification</p>
            </td>
            <td class="text-right">
                <a href="verify-location.php?partner_id=<?php echo $row['partner_id'] ?>&verification_type=location" class="btn
            </td>
        </tr>
    <?php
    }
} else {
    ?>
<div class="col-md-12 col-sm-12 col-lg-12">
    <div class="profile-widget">
        <center>
            
        </center>
    </div>
</div>

```

Figure 76: Location verification.

```

    if ($a->num_rows > 0) {
        while ($row = $data->fetch_assoc()) {
            <tr>
                <td style="...">
                    <a class="avatar" href="profile.html"><a href="profile.html"><?php echo $row['first_name'] . ' ' . $row['last_name'] ?><span><?php echo $row['current_city']
                </td>
                <td>
                    <h5 class="time-title p-0">Client ID</h5>
                    <p><?php echo $row['client_id'] ?></p>
                </td>
                <td>
                    <h5 class="time-title p-0">Gender & Age</h5>
                    <p><?php echo $row['gender'] ?> & <?php echo $row['age'] ?> years old</p>
                </td>
                <td class="text-right">
                    <a href="verify-account.php?client_id=<?php echo $row['client_id'] ?>" class="btn btn-outline-primary take-btn">Take up</a>
                </td>
            </tr>
        <?php
    }

    <div class="col-md-12 col-sm-12 col-lg-12">
        <div class="profile-widget">
            <center>
                
            </center>
        </div>
    </div>

```

Figure 77: Verification request.

```

</pnp
session_start();
$partner_id = $_SESSION['partner_id'];

if (!isset($_SESSION["partner_id"])) {
    header( string: "location:logout.php");
}

require_once './server/Partner.php';
$result = "";
$updateError = "";

$server = new Partner();
$result = $server->partner_data();
$data = $server->appointments();

if (isset($_POST['accept'])) {
    $output = $server->accept_appointment($_POST);
}
if (isset($_POST['cancel'])) {
    $output = $server->cancel_appointment($_POST);
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0, user-scalable=0">
    <?php include './parts/css-links.php'; ?>
    <style>
        .content{
            font-family: 'Titillium Web', sans-serif;

```

Figure 78: Client's appointment by Doctor.

```

$result = "";
$updateError = "";

$server = new Partner();
$result = $server->partner_data();
$data = $server->appointments();

if (isset($_POST['accept'])) {
    $output = $server->accept_appointment($_POST);
}
if (isset($_POST['cancel'])) {
    $output = $server->cancel_appointment($_POST);
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0, user-scalable=0">
    <?php include './parts/css-links.php'; ?>
    <style>
        .content{
            font-family: 'Titillium Web', sans-serif;
        }
    </style>
</head>
<body>
    <div class="main-wrapper">
        <?php
            while ($row = $result->fetch_assoc()) {

```

Figure 79: Client lab test appointment.

```

<!--topnav-->
<?php include './parts/top-nav.php'; ?>

<!--sidenav-->
<?php include './parts/side-nav.php'; ?>

<div class="page-wrapper">
    <div class="content">
        <div class="row">
            <div class="col-sm-8">
                <h4 class="page-title"><u>Add Drug</u> <span
                    class="text-success"><?php echo $output; ?></span></h4>
            </div>
            <div class="col-sm-4">
                <a href="drug-repo.php" class="btn btn-primary btn-rounded float-right">
                    <i class="fa fa-cubes"></i> Repository
                </a>
            </div>
        </div>
        <form method="POST" action="" enctype="multipart/form-data">
            <div class="card-box">
                <div class="row">
                    <div class="col-lg-8 offset-lg-2">
                        <form method="POST" action="">
                            <input type="hidden" name="institute_name" value="<?= $institute_name ?>">
                            <div class="row">
                                <div class="col-sm-6">
                                    <div class="form-group">
                                        <label>Drug Name <span class="text-danger">*</span></label>
                                        <input class="form-control" type="text" name="drug_name"
                                            placeholder="Enter Drug Name" required>

```

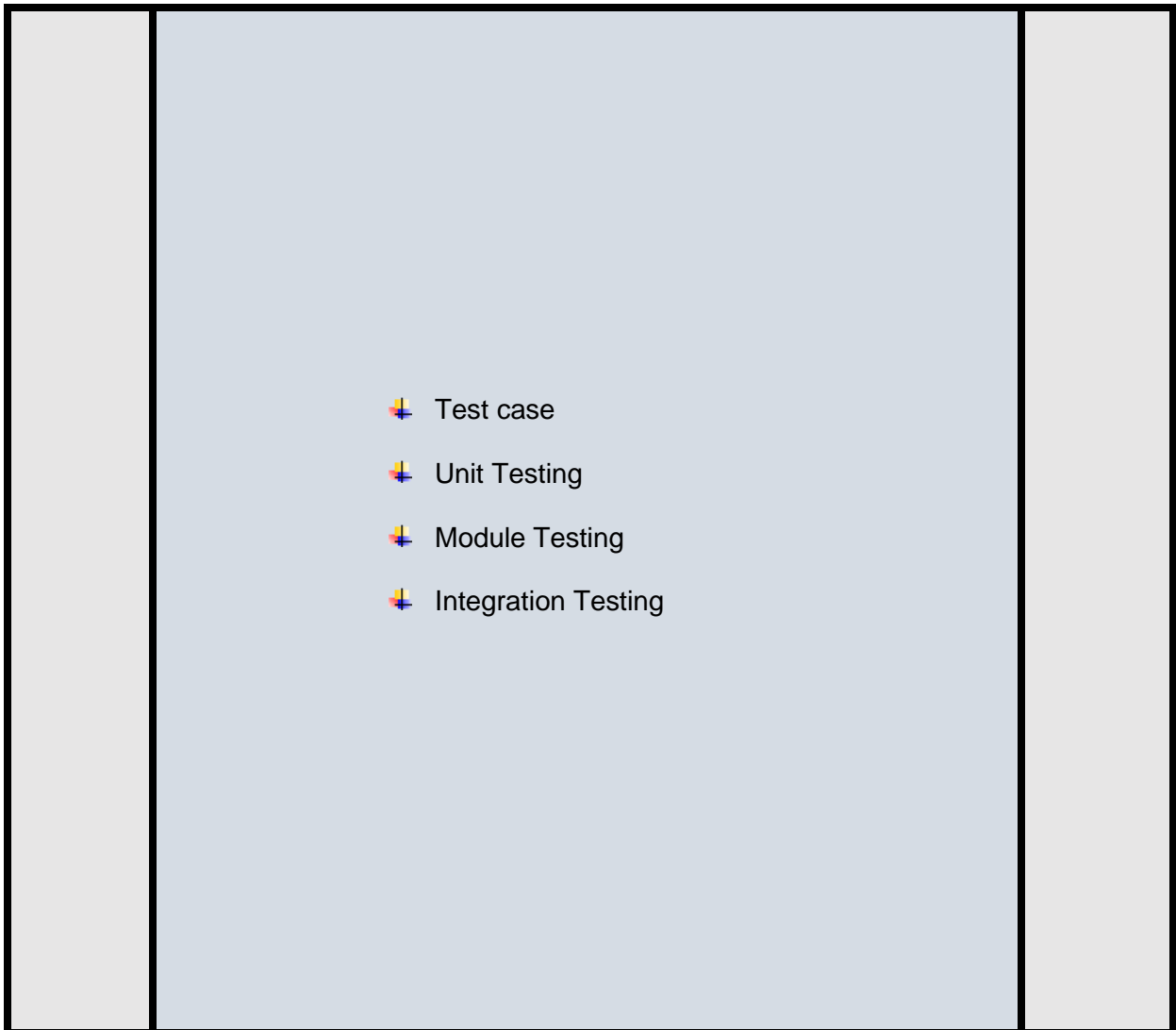
Figure 80: Drug add by pharmacy department.

10.2 Possible problem break Down:

For developing a project, developer divided all of their work in according to the prioritization list so that they can make the process of development comfortably. I have provided the breakdown list below.

- **Design of Databases-** here searching the attribute and the relationship of a database. Then implementing in the system.
- **Interface Design-** Designing each page of a system with proper attribute, user-friendliness navigation.
- **Development-** with latest technology in the field implementing the systems, deploy the system with proper validation.
- **Validation and Verification-** here writing the test script according the system requirements and justify the result for this system with business requirements of system.

Chapter: 11: Deployment



Testing is process of find out the fault and error of the system for solving it before final implementation. It increases the system accuracy and stability. After making all the test of that system including business requirements, then the system will be ok for final implementation.

11.1 Test case:

I will perform three tests

- Unit testing
- Integration testing
- 'Module testing

Here I am giving the test case of all of these tests.

Name and ID:	Testing name		
Name of the Test:			
Details of the Test:			
Source of the Data	Action Doing	Expected Result	Actual Result

11.2 Test case1 (Unit Testing):

Name and ID:	Unit testing 01		
Name of the Test:	Validation of client email address field		
Details of the Test:	Validation of client sign up form		
Source of the Data	Action Doing	Expected Result	Actual Result
clients	Trying to complete the client registration without giving the email address field.	Showing error message to fill the email address field.	System showing the error message to fill out this field.

sign up with us

The image shows a sign-up form titled "sign up with us". The form has several input fields: "First Name" (containing "Md"), "Last Name" (containing "alamin"), "Your Email" (empty), "Your Phone" (containing "01521439114"), and "Country" (empty). A validation error message is displayed over the "Your Email" field, stating "Please fill out this field." with an exclamation mark icon.

Figure 81: client sign up form validation.

Name and ID:	Unit testing 02		
Name of the Test:	Validation of client's verification code		
Details of the Test:	Validation of client's verification sign up form		
Source of the Data	Action Doing	Expected Result	Actual Result
clients	Trying to complete sign up without giving the verification code	Showing the error message to fill out this field.	System showing the error message as fill out this verification field.

Be Our Partner

We have sent a 6 digit code to **01521439114**. Please provide the code here.

Enter Verification Code



Please fill out this field.

Complete sign up !

Figure 82: client's verification code for complete sign up.

Name and ID:	Unit testing 03		
Name of the Test:	Validation of input field		
Details of the Test:	Validation of admin test name input field.		
Source of the Data	Action Doing	Expected Result	Actual Result
Admin	Trying to save the test information without adding test name.	Showing the error message as fill out the test name	System shows that fill out this field with test name.

sign up with us

The image shows a sign-up form titled "sign up with us". The form has several input fields: "First Name" (containing "Md"), "Last Name" (containing "alamin"), "Your Email" (containing "123456"), a phone number field (containing "01521439114"), and a "Country" dropdown menu (set to "Bangladesh"). An error message is displayed below the email field: "Please include an '@' in the email address. '123456' is missing an '@'".

Figure 84: client invalid email address field.

Name and ID:	Module testing 02		
Name of the Test:	Client log in form		
Details of the Test:	Trying to log in without filling the username		
Source of the Data	Action Doing	Expected Result	Actual Result
clients	Trying to log into the system without adding username.	Showing an error to enter username	System showing that to enter valid username.

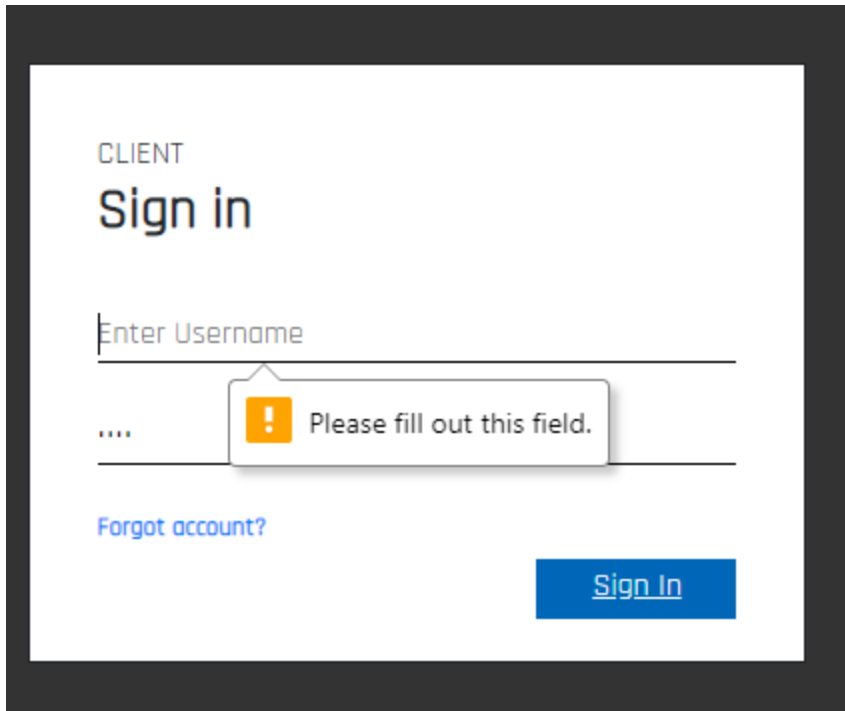


Figure 85: client blank username log in form.

11.4 Test case 3 (Integration Testing)

Name and ID:	integration testing 01		
Name of the Test:	System controlling with valid username and password		
Details of the Test:	After making logging access the partner's dashboard.		
Source of the Data	Action Doing	Expected Result	Actual Result
partners	Trying to log in the system after given valid data.	Partners will log in the system and showing the partners dashboard.	System showing that partners successfully log in the system dashboard.

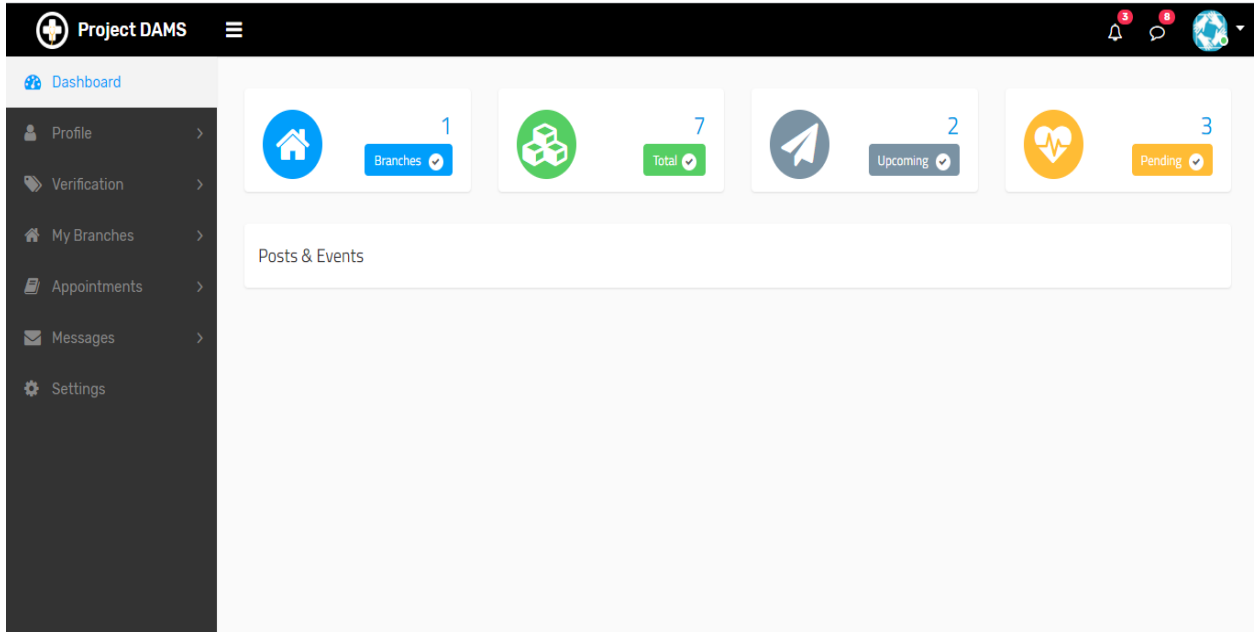


Figure 86: logging into the system of partner’s dashboard.

Name and ID:	integration testing 02		
Name of the Test:	Searching and branch add controlling.		
Details of the Test:	Partner’s add branches, search branches.		
Source of the Data	Action Doing	Expected Result	Actual Result
partners	Partners can search and can see all branches list.	System showing the partners all registered branches list.	System showing the all searchable branches list.

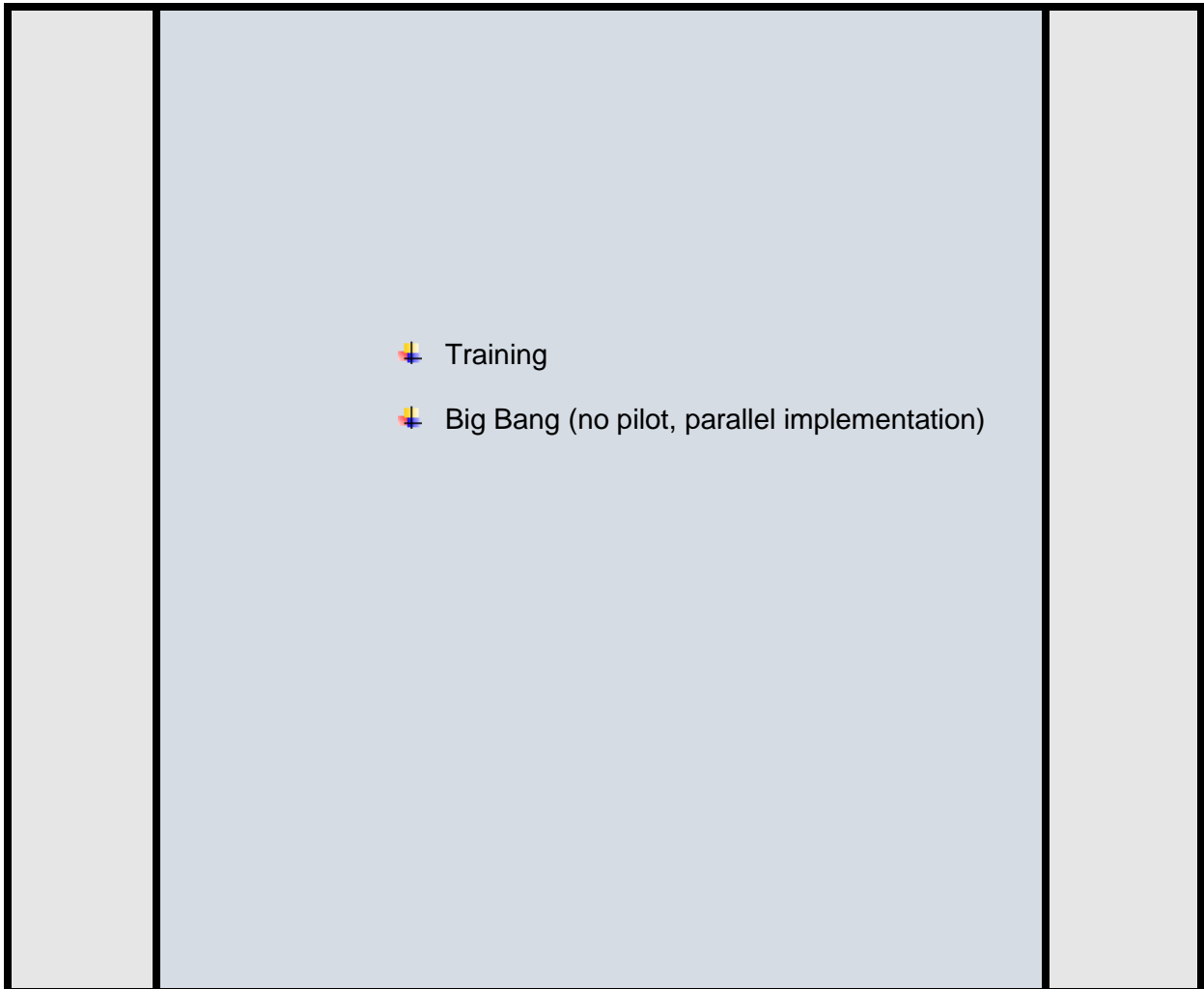
Branch List + Add Branch

Total Branch: 2

Branch Name	Country	City	Region	Address	Status		
Janata Diagnostics Center	Bangladesh	Dhaka	Mirpur 10	sadsadsa dsad sadsa dsadsadsadsad sad sa	Published		
iqbal cardiac	Bangladesh	Dhaka	Dhanmondi	dhanmondi,dhaka	Published		

Figure 87: partner searches the branches and add branches.

Chapter: 12: Implementation



12.1 Training:

In this training session all the clients and partners of this system will learn how to using this system.

Serial No.	Name of the User	Training Area	Time Limit	Details
01	Clients or users	Searching out the test name according to the category.	1 hour	Client's learns the way for searching the test name according to the category.
		Send Request for performing test to the lab	1 hour	Client's learns the way for sending request for perform test.
		Send request for drugs order.	45 minutes	Client's learns the way for selecting drugs and then send request.
		Send request for appointing with doctor's meet	45 minutes	Client's learns the way for search doctor's and then sending request for appointment.
02	Partners (lab, Doctors, pharmacy, Drugs)	Manage the request from the clients by Lab section	30 hours	Lab authorities learns the way for managing request from the clients.
		Manage client's requests by the Doctor's section	1 hour	Doctor's learns the way for managing the request and make appointment for the clients.
		Manage the client's request by the pharmacy section	45 minutes	Pharmacy authorities learns the way for managing client's request from the client's

		Manage the client's request for receiving order by the drugs section.	45 minutes	Drugs section admin learns the way for managing the client's request order.
03.	System admin	Manage partners authentication.	30 minutes	Admin will learn how to authenticate the location and user account information.
		Manage partners and clients Activities (if needed block them)	30 minutes	Admin will learn how to manage the partners and client's activities. If needed admin will be able to block them.

12.2. System implementation:

After making a system, to implement in the real world there are four types of implementation schema. They are

Big Bang - it is a process of running the new system and stop the existing system. It is a comparatively quick process than other implementation process that's why this process has chance to data loose.

Direct implementation- it is process of the replacement of new system from the existing old system.

No piloting- it is process of install the system in the real world without implementing in the organization as a test purpose. It means after complete the system it will be launch in the market.

Parallel- it is process of running the new system along with the old system and the old system working an as the backup of the new system.

Chapter: 13: Critical Appraisal and Evaluation

	<p>✚ Objective met</p> <p>✚ Objective not met</p>	

In this chapter I have described about the project requirements which are met and not met to complete the project work. I made a critical analysis and evaluation of this projects.

13.1 Objective met

The requirements which are being fulfill by developer is means the term the objective met. I have described three types of objectives and they are **academic objective, Business objectives** and **personal objectives**.

Academic objectives:

- ✚ Completing all the tasks using a software methodology.
- ✚ Completing the report of the project according the academy requirements.
- ✚ Making the database of the project.

Business objectives:

- ✚ Making proper diagnostic test performing online platform.
- ✚ Making drugs ordering platform from the various registered pharmacy and clinic drugs stores.
- ✚ Making a platform for doctors, lab and pharmacy departments for giving their service among people through online.

Personal objectives:

- ✚ Complete and making the system by fulfilling all requirements.
- ✚ Making the system with proper validation.
- ✚ Completing the detailed documentation of this project.

Brief discussion about those objectives met

13.1.1 academic objectives:

Objective 1: Completing all the tasks using a software methodology

For completing my project DSDM atern methodology was being used by me and in the initial study chapter I have discussed about that methodology.

✚ Success factors:

To complete this project at first, I have gathered all required requirement's by using DSDM atern methodology. It helps me to find out the tasks which should give the highest priority within the limited time boxes and completing the task properly.

✚ problem faces:

As this methodology never compromise with the quality of work so it is really tuff to complete all the task with limited time.

✚ Overcome way:

I have made a time boxes for all the tasks including the helping of business analysts.

Objective 2: Completing the report of the project according the academy requirements.

As it is the project of final year. So, the project report is must for that projects to achieve the goals of the projects.

Success factors:

for completing the project as documentation is must so I have made a detailed documentation and I have given all required diagrams in software architecture part.

Problem faces:

This documentation is very lengthy so I have faced lots of problem for completing this task specially in the diagram's parts.

Overcome way:

To overcome the problem, I have used UML star diagram.

Objective 3: Making the database of the project.

To store and re-use of the data Database is must and I have used MYSQL database 2018.i have made proper relation with attributes.

Success factor:

After making and completing the database the system is being working very well.

Problem faces:

To handle all the data in PHP, database require accurate data and making appropriate linkup connection.

Overcome way:

To overcome this problem proper data identification and accurate is needed. Varchar is a data type and it is used to avoid trouble in attribute data type and also ERD are also being used for identification.

13.1.2 Business objectives:

Objective 1: Making proper diagnostic test performing online platform.

People can easily search in the web and see the all the diagnostic tests available in the registered hospital or clinics is the one of the main features of my project.

Success factor:

This idea has been deployed into my systems and I have been showing this thing in the various test scripts.

Problem faces:

As it is one of the main features of my projects, I have faced problems for doing that.

- . Searching for individual labs and tests from one category named “Labs”.
- . Searching tests on price range.

Overcome way:

- A modal with two options: labs and tests has been added while visiting the “Labs”.
- An html form has been added to make the search between two prices.

Objective 2: Making drugs ordering platform from the various registered pharmacy.

Client can easily make order for drugs delivery using this system. After log in this system client can see the available drugs list from pharmacy department and make order after giving the quantity, price and delivery method.

Success factor:

I have implemented this idea in my system and client's can use and confirm their order quickly.

Problem faces:

- Searching for individual drugs and pharmacies from one category named "Pharmacies".
- Make a drug order by adding a prescription.

Overcome way:

- A modal with two options: drugs and pharmacies added on "Pharmacies" category.
- Added an option to make an order through uploading a prescription.

Objective 3: Making a platform for doctors, lab and pharmacy departments for giving their service among people through online.

Using this system Doctor's, Lab and pharmacy partner will be able to give their service among the registered client of this systems. Client will get various types of service using this system which makes this more effective and essential for people.

Success factor: I have implemented all these ideas and services in this system successfully.

Problem faces:

- . Verifying the contact while registration.

- Ensuring authenticity of the institutes and doctors.

Overcome way:

- Email verification system added to verify the provided email address.
- Account and location verifications has to be done by registered doctors and institutes before adding any service on the platform by providing their TIN and license certificates.

13.1.3. personal objectives:

Objective: Making the system with proper validation.

For complete and making this system effective among the client and partners I have made the System proper validation and verification process which helps the system become more user-friendly.

Success factors:

For making this system in every field of input I have ensured proper validation and verification to make error free of this system. Testing has been also given for comparison between the expected outcome and actual outcomes.

13.2 Objective Not met

For completing any project there has some features which are not deployed properly. For that reason, project cannot meet those requirements.

Objective name: system implantation

It is a process of making the user more interactive with the system, by giving proper guideline, proper user manual documentation for user so that they can learn various section of system for using the systems. It is very much need for any kind of project work.

Explanation for not met the objective:

As I have completed this project in limited time so I had no proper planning that why I was not able to meet this objective.

Overcoming the idea for meet the objectives:

Making proper time-boxes for completing each task of this projects and handle this kind of situation within this time-boxes is the way to meet this objective.

Chapter: 15: Conclusion

- ✚ Summary of the project
- ✚ Goal of the project
- ✚ Success of the project
- ✚ Value of the project
- ✚ My experience

15.1 Summary of the project:

I have completed the project within four months according to the project requirements. I have completed all the possible objectives this project. I have collected data from the root level from every pharmacy, clinics and lab. I have completed the system background and analysis according to the project objectives. I have been given the detailed diagram for every section of system in the system architecture part. I have used software for drawing those kinds of diagrams. Project values are being described using evaluation techniques. I have given many test scripts and test results for this project. I have implemented this project after making proper analyzing and making plan. I have provided feasibility studies, many types of requirements list. I have made a proper documentation of my project according to the analyzation and finally I was able to make the system for real world implementation. using My system diagnostic assistant people can search various doctor's, lab, clinic and make appointment for their individual's service.

15.2. Goals of the project:

I have completed the Diagnostic assistant system for people so that they can make appointment for lab tests. Doctor, and drugs delivery. I have been set up the goals of my projects-

- ✚ Clients can search the various diagnostic lab and their available test according the category and make appointment for performing the test.
- ✚ Clients can make appointments of various doctor's and take the service.
- ✚ Clients can see the lab list near his location and make appointment for test perform.
- ✚ Clients can order drugs from the pharmacy and lab drugs store and getting the delivery.
- ✚ Partners are like doctor's, labs, and pharmacies can register in this system after providing the account, location verification and giving the service to the people.
- ✚ Labs department authorities will be able to add various test name according the category and adding many discount rates for clients.
- ✚ Pharmacy department authorities will be adding various drugs.
- ✚ Doctor's will add various information for clients.
- ✚ Labs, Doctor's and pharmacy departments authorities will maintain the requests and ensure the appointment for the clients.
- ✚ Admin will maintain the client's, partners (labs, pharmacy, doctor). If they attempt illegal activities admin can block, unblock them.

15.3. Success of the project:

For completing the project, I have made a project proposal and defined the various goals of this projects. I have completed all the task according to the goals and objectives. people can take the service for various diagnostic test perform, make doctor's appointments and order drugs from the pharmacy and lab drugs stores. All the requirements of this projects are fulfilling and achieved the goals of my project so I can tell my project is successful.

15.4. Value of my project:

Every sector of service in this world are getting computerized and digitalized. Every person starting to habituated with online service and they feel comfortable comparatively than manual system. This system will create many working opportunities for people. People can easily make appointment for lab tests, doctor's meet and drugs delivery from my system. People can also get drugs by uploading prescription. As we the people of Bangladesh are getting more comfortable with online service so this project will create positive impact in society for getting these valuable services.

15.5. My Experiences:

From the starting of my project I have been gathered many information from the root level of various field include my clients and projects. It was very tuff for me to implement the new idea in Bangladesh constant. I have faced many difficulties to complete the project. I have overcome and solve all problems. It was a new experience and opportunity for me to implement this idea. I have learned the way for solving the problem and making this kind of system for people service through online. This type of project developing website will help me in my career.

Appendices:

Test scripts:

11.2 Test case1 (Unit Testing):

Name and ID:	Unit testing 01		
Name of the Test:	Validation of client email address field		
Details of the Test:	Validation of client sign up form		
Source of the Data	Action Doing	Expected Result	Actual Result
clients	Trying to complete the client registration without giving the email address field.	Showing error message to fill the email address field.	System showing the error message to fill out this field.

sign up with us

The image shows a web form titled "sign up with us". The form has several input fields: "First Name" (containing "Md"), "Last Name" (containing "alamin"), "Your Email" (empty), "Your Phone" (containing "01521439114"), and "Country" (empty). A validation error message is displayed over the "Your Email" field, stating "Please fill out this field." with an exclamation mark icon.

Figure 81: client sign up form validation.

Name and ID:	Unit testing 02		
Name of the Test:	Validation of client's verification code		
Details of the Test:	Validation of client's verification sign up form		
Source of the Data	Action Doing	Expected Result	Actual Result
clients	Trying to complete sign up without giving the verification code	Showing the error message to fill out this field.	System showing the error message as fill out this verification field.

Be Our Partner

We have sent a 6 digit code to **01521439114**. Please provide the code here.

Enter Verification Code



Please fill out this field.

Complete sign up !

Figure 82: client's verification code for complete sign up.

Name and ID:	Unit testing 03		
Name of the Test:	Validation of input field		
Details of the Test:	Validation of admin test name input field.		
Source of the Data	Action Doing	Expected Result	Actual Result
Admin	Trying to save the test information without adding test name.	Showing the error message as fill out the test name	System shows that fill out this field with test name.

sign up with us

First Name Last Name

Md alamin

Your Email

123456

! Please include an '@' in the email address. '123456' is missing an '@'.

01521439114

Country

Bangladesh

Figure 84: client invalid email address field.

Name and ID:	Module testing 02		
Name of the Test:	Client log in form		
Details of the Test:	Trying to log in without filling the username		
Source of the Data	Action Doing	Expected Result	Actual Result
clients	Trying to log into the system without adding username.	Showing an error to enter username	System showing that to enter valid username.

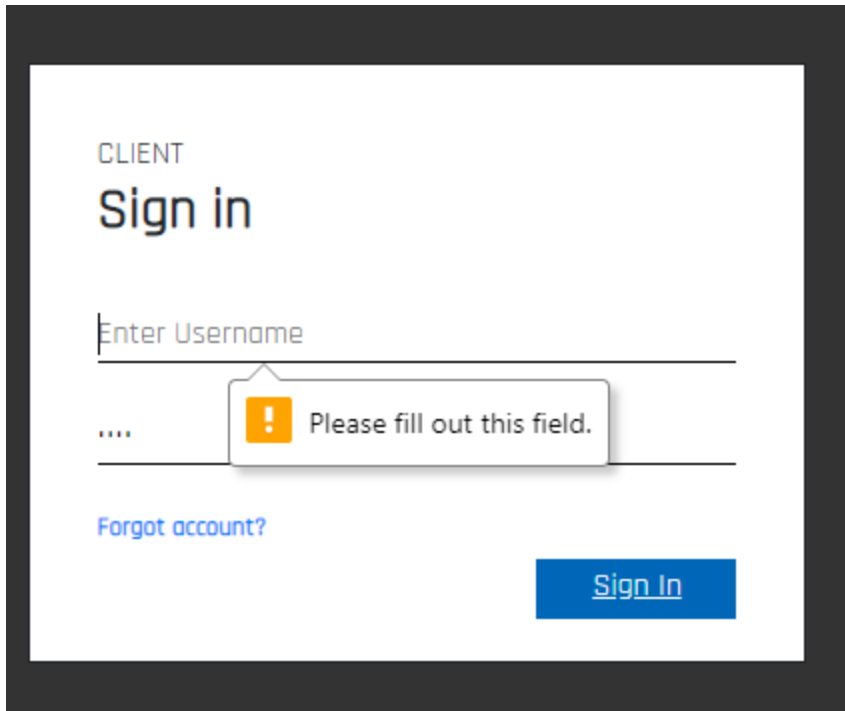


Figure 85: client blank username log in form.

11.4 Test case 3 (Integration Testing)

Name and ID:	integration testing 01		
Name of the Test:	System controlling with valid username and password		
Details of the Test:	After making logging access the partner's dashboard.		
Source of the Data	Action Doing	Expected Result	Actual Result
partners	Trying to log in the system after given valid data.	Partners will log in the system and showing the partners dashboard.	System showing that partners successfully log in the system dashboard.

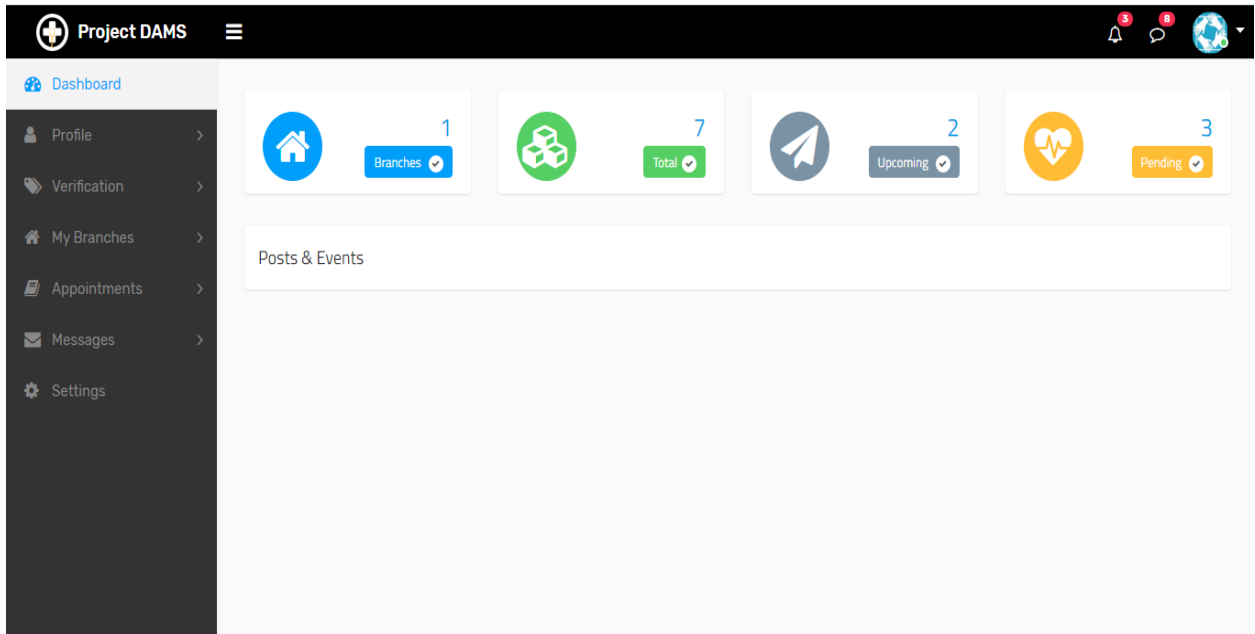


Figure 86: logging into the system of partner’s dashboard.

Name and ID:	integration testing 02		
Name of the Test:	Searching and branch add controlling.		
Details of the Test:	Partner’s add branches, search branches.		
Source of the Data	Action Doing	Expected Result	Actual Result
partners	Partners can search and can see all branches list.	System showing the partners all registered branches list.	System showing the all searchable branches list.

Branch List + Add Branch

Total Branch: 2

Branch Name	Country	City	Region	Address	Status		
Janata Diagnostics Center	Bangladesh	Dhaka	Mirpur 10	sadsadsa dsad sadsa dsadsadsadsad sad sa	Published		
iqbal cardiac	Bangladesh	Dhaka	Dhanmondi	dhanmondi,dhaka	Published		

Figure 87: partner searches the branches and add branches.

User Guide:

In this part I will represent my proposed system graphical interface for the people so that they can take the idea about my system looks in the future.

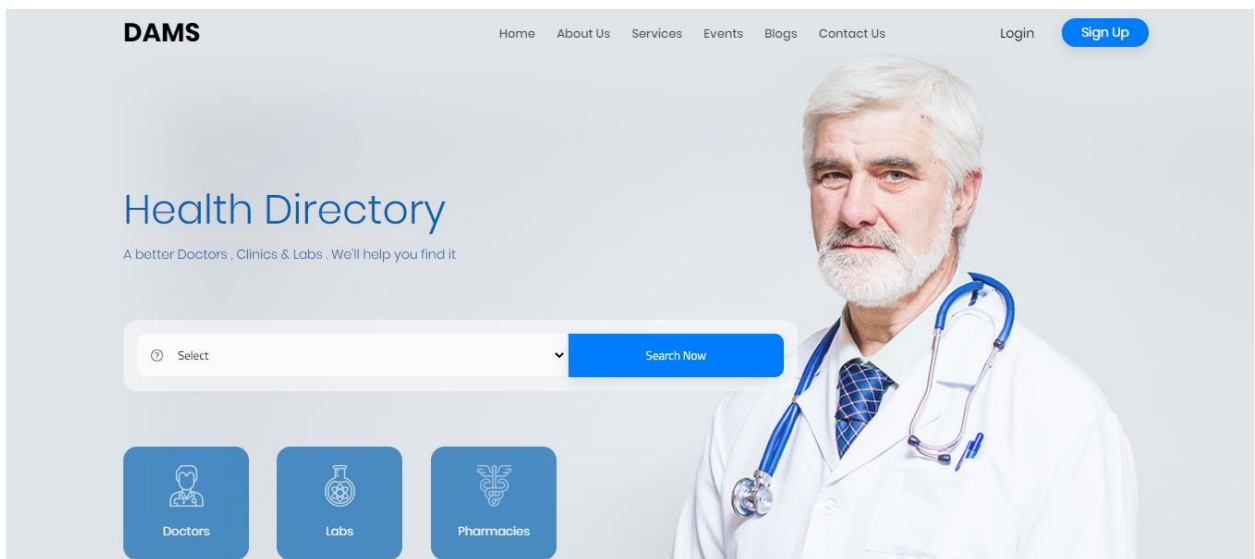
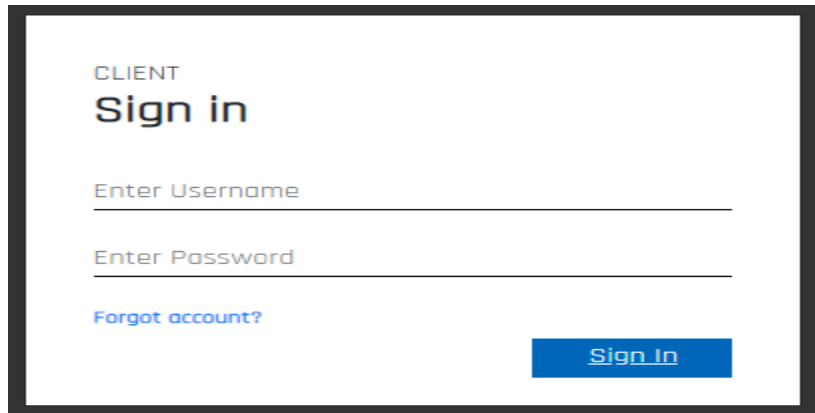


Figure 7: Prototype of home page.



CLIENT
Sign in

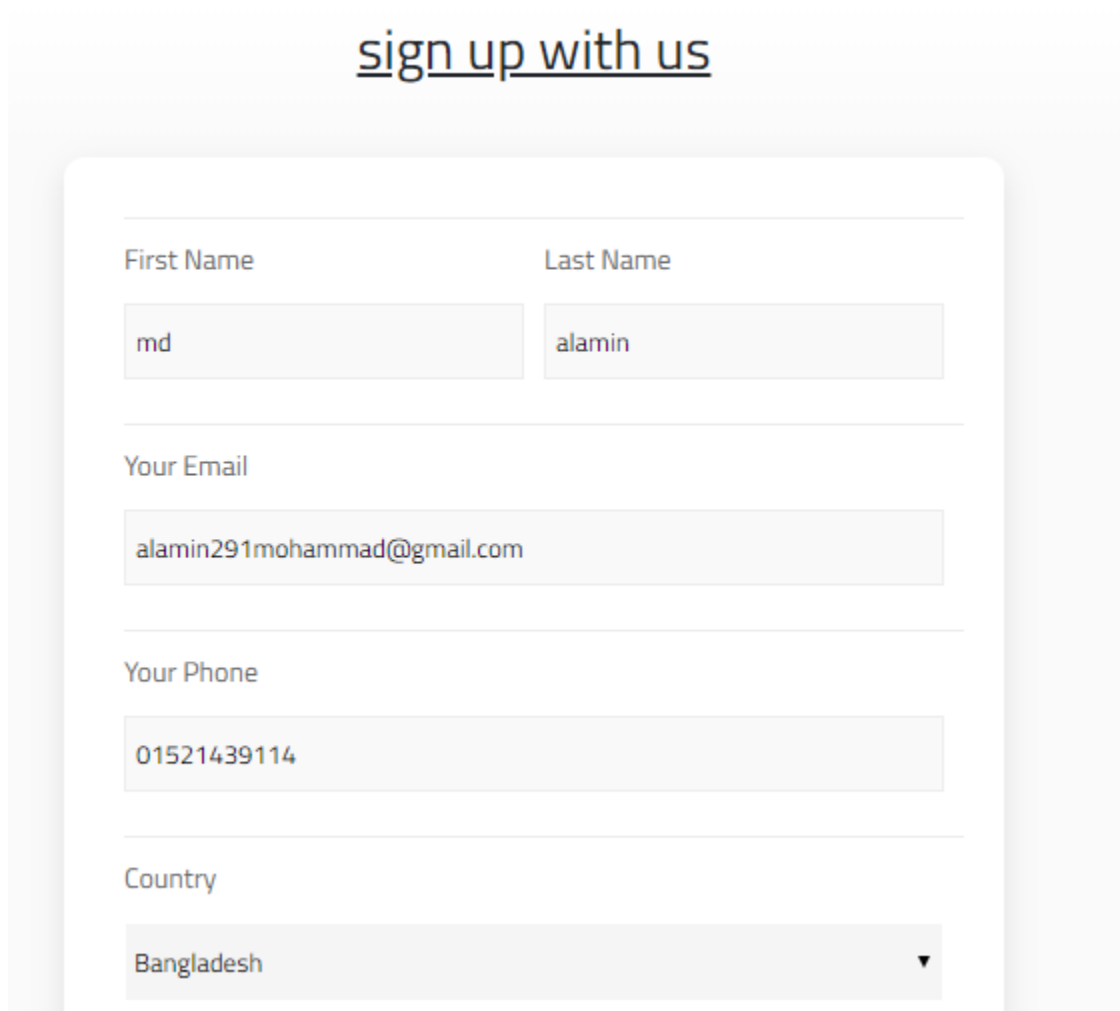
Enter Username

Enter Password

[Forgot account?](#)

[Sign In](#)

Figure 8: log in page of client



sign up with us

First Name Last Name

md alamin

Your Email

alamin291mohammad@gmail.com

Your Phone

01521439114

Country

Bangladesh ▼

Address

shanker

Choose A Username

alamin

Your Password

Confirm Your Password

.....

I Accept The Terms And Conditions.

Complete sign up !

you have an account? Sing in !

Figure 9: prototype of registration page of User.

DAMS Home About Us Services Events Blogs Contact Us PROFILE

SEARCH RESULTS

AVAILABLE TESTS

Search..

SERIAL	CATEGORY NAME	TEST NAME	ACTION
1	bloodtest	Calcium blood test	Details Take Up

Search Filter

Category

Test Name

Search Now

Figure 10: client searched test name.

DAMS Home About Us Services Events Blogs Contact Us PROFILE

Calcium blood test

AVAILABLE LOCATIONS

Serial	Institute Name	Location	Price	Discount	Action
1	Lab Aid Hospital	..	500	5	Map Take Up

Search Filter

Category ▼

Test Name ▼

Search Now

Figure 11: showing the available location and price rate

DAMS Home About Us Services Events Blogs Contact Us PROFILE

Calcium blood test

REQUEST FOR AN APPOINTMENT

Institute Name: Lab Aid Hospital

Location: ..

Test Price: 500 [In Taka]

Discount: 5

Appointment Date:

Total Amount: 475 [In Taka]

Send Request

Search Filter

Category ▼

Test Name ▼

Search Now

Figure 12: Client sends request for performing test.

DAMS Home About Us Services Events Blogs Contact Us PROFILE

Calcium blood test

REQUEST FOR AN APPOINTMENT

Request Received. Please check your dashboard.

Institute Name:	Lab Aid Hospital
Location:	..
Test Price	500 [In Taka]
Discount	5
Appointment Date	mm/dd/yyyy
Total Amount:	475 [In Taka]

[Send Request](#)

Search Filter

Category

Test Name

Search Now

Figure 13: Request received for performing test.

System code:

```
        .active{ color: orangered}
    </style>
</head>
<body>
    <div class="container">
        <div class="row">
            <div class="col-sm-5">
                <center><a href="../../home/" style="...">DIAGNOSTIC ASSISTANT MANAGEMENT SYSTEM</a></center>
            </div>
            <div class="col-sm-2"></div>
            <div class="col-sm-5" style="...">
                <a class="active" href="index.php">CLIENT PORTAL</a>||
                <a href="/partners/">PARTNER PORTAL</a>||
                <a href="/admin/">ADMIN PORTAL</a>
            </div>
            <div class="col-sm-12">
                <div class="form">
                    <div class="head">CLIENT <?php echo $result ?><br><h3><b>Sign in</b></h3></div>
                    <br>
                    <form method="post" action="">
                        <input placeholder="Enter Username" type="text" name="username" required><br><br>
                        <input placeholder="Enter Password" type="password" name="password" autocomplete="new-password" requir
                        <div class="bottom"><h6><a href="#">Forgot account?</a> </h6></div>
                        <input type="submit" class="submit btn-dark" name="login" value="Sign In">
                    </form>
                </div>
            </div>
        </div>
    </div>
</div>
```

Figure 60: Log in page.

```
</td>
<td>
  <div class="form-group label-floating">
    <label class="control-label">Last Name</label>
    <input class="" type="text" name="last_name" autocomplete="nope" required>
  </div>
</td>
</tr>
<tr>
<td colspan="2">
  <div class="form-group label-floating">
    <label class="control-label">Your Email</label>
    <input class="" placeholder="" type="email" value="<?= $email = $_SESSION['email'] ?>"
  </div>
</td>
</tr>
<tr>
<td colspan="2">
  <div class="form-group label-floating">
    <label class="control-label">Your Phone</label>
    <input class="" placeholder="" type="text" name="phone" autocomplete="nope" required s
  </div>
</td>
</tr>
<tr>
<td colspan="2">
  <div class="form-group label-floating">
    <label class="control-label">Country</label>
    <select name="country" style="...">
      <option value="" selected disabled>Select</option>
      <?php include '../dashboard/countries2.php'?>
    </select>
  </div>
</td>
</tr>
```

Figure 61: Client sign up page.

```

</div>
<div class="col-sm-4 card" style="...">
  <h3 style="">Order Details</h3>
  <form method="POST" action="" oninput="total.value=parseFloat(a.value)*parseFloat(b.value)+parseInt(c.value)">
    <input type="hidden" name="partner_id" value="<?= $partner_id; ?>"/>
    <input type="hidden" name="drug_id" value="<?= $drug_id; ?>"/>
    <input type="hidden" name="drug_name" value="<?= $name; ?>"/>
    <input type="hidden" name="drug_quantity" value="<?= $quantity; ?>"/>
    <table>
      <tr>
        <td>Unit Price <small>(IN TAKA)</small></td>
        <td><input value="<?= $price ?>" id="a" style="..." readonly/>
        </td>
      </tr>
      <tr>
        <td>Quantity</td>
        <td><input type="number" min="1" id="b" name="order_quantity" style="..." required/>
        </td>
      </tr>
      <tr>
        <td colspan="2">
          <select id="c" required name="delivery_type">
            <option value="" selected disabled>Select Delivery Method</option>
            <option value="200" style="...">Home Delivery</option>
            <option value="0">Physical</option>
          </select>
        </td>
      </tr>
      <tr>
        <td style="..."><b>TOTAL PRICE</b></td>
        <td><input style="..." name="total" for="a b c" readonly/></td>
      </tr>
    </table>
  </form>
</div>

```

Figure 62: Drugs order page.

```

<?php
session_start();
require_once './server/Home.php';

$result = "";

$server = new Home();

if (isset($_POST['submit'])) {
    $result = $server->client_email_check($_POST);
}
?>
<!DOCTYPE html>
<html lang="en-US">
<head>
  <?php include './parts/css-links.php'; ?>
</head>

<style>
  table{
    padding: 0;
  }
  input{
    width: 200px;
  }
</style>

<body>

<header>

```

Figure 63: Client-email page.

```
<tr>
  <td rowspan="5" style="...">
    
  </td>
</tr>
<tr>
  <td><b><?=$row['institute_name'] ?></b></td>
</tr>
<tr>
  <td><span style="...">Country:</span><?=$row['country'] ?></td>
</tr>
<tr>
  <td><span style="...">City:</span><?=$row['city'] ?></td>
</tr>
<tr>
  <td><span style="...">Region:</span><?=$row['region'] ?></td>
</tr>
<tr>
  <td>Service Period:</td>
  <td><?=$row['service_period'] ?></td>
</tr>
<tr>
  <td>Off Days:</td>
  <td><?=$row['off_days'] ?></td>
</tr>
<tr>
  <td>Address:</td>
  <td><?=$row['address'] ?></td>
</tr>
<tr>
  <td>Contacts</td>
</tr>
```

Figure 64: Drug prescription.

```
<?php
if (isset($_GET["institute_name"])) {
    $address = $_GET["institute_name"];
    $address = str_replace( search: " ", replace: "+", $address);
    ?>

    <iframe width="100%" height="500" src="https://maps.google.com/maps?q=<?php echo $address; ?>&output=embed"></iframe>

<?php
}
?>
```

Figure 65: Location on map.

```

<div class="container margin-bottom-100px">
  <div class="row">
    <div id="log-in" class="site-form log-in-form box-shadow border-radius-10">
      <div class="form-output">
        <form method="POST" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>">
          <table>
            <tr>
              <td style="...">
                <h4>We have sent a 6 digit code to <span style="..."><?php echo $email = $_SESSION['partner
              </td>
            </tr>
            <tr>
              <td>
                <div class="form-group label-floating">
                  <input type="hidden" name="email" value="<?= $email ?>">
                  <label class="control-label">Enter Verification Code</label>
                  <input class="" placeholder="" type="number" name="code" autocomplete="nope" required st
                </div>
              </td>
            </tr>
            <tr>
              <td colspan="2">
                <button class="btn btn-md btn-primary full-width" type="submit" name="submit">Complete sign u
              </td>
            </tr>
          </table>
        </form>
      </div>
    </div>
  </div>
</div>

```

Figure 66: Partner email confirmation.


```

<div class="container">
  <div class="row">
    <div class="col-lg-8">
      <div class="row">
        <div class="">
          <form method="POST" action="">
            <table>
              <?php while ($row = $result->fetch_assoc()) { ?>
                <tr>
                  <td>Institute Name:</td>
                  <td><?php echo $server->name_by_id($row['partner_id']); ?></td>
                </tr>
                <tr>
                  <td>Location:</td>
                  <td><?php echo $server->location_by_id($row['partner_id']) ?></td>
                </tr>
                <tr>
                  <td>Test Price</td>
                  <td><?php echo $row['test_price'] ?> [ <span style="...">In Taka</span> ]</td>
                </tr>
                <tr>
                  <td>Discount</td>
                  <td><?php echo $row['test_discount'] ?></td>
                </tr>
                <tr>
                  <td>Appointment Date</td>
                  <td><input type="date" name="requested_date" required/></td>
                </tr>
                <tr>
                  <td><h3><b>Total Amount:</b></h3></td>
                  <td><?php
                    $total = $row['test_price'];

```

Figure 67: Clients Test availability.

```

</thead>
<tbody>
<?php
if ($data->num_rows > 0) {
    while ($row = $data->fetch_assoc()) {
        ?>
        <tr>
            <td style="...">
                <a class="avatar" href=""><a href=""><?php echo $row['institute_name'] ?><span><?php echo $row['city'] ?>,<?php echo $row['country'] ?
            </td>
            <td>
                <h5 class="time-title p-0">Type</h5>
                <p>Account Verification</p>
            </td>
            <td class="text-right">
                <a href="verify-account.php?partner_id=<?php echo $row['partner_id'] ?>&verification_type=account" class="btn bt
            </td>
        </tr>
    </tr>
    <?php
    }
} else {
    ?>
    <div class="col-md-12 col-sm-12 col-lg-12">
        <div class="profile-widget">
            <center>
                
            </center>
        </div>
    </div>
</div>
<?php }

```

Figure 68: Account verification.

```

class="table-responsive">
<table class="table mb-0">
<thead class="d-none">
</thead>
<tbody>
<?php
if ($data->num_rows > 0) {
    while ($row = $data->fetch_assoc()) {
        ?>
        <tr>
            <td style="...">
                <a class="avatar" href=""><a href=""><?php echo $row['institute_name'] ?><span><?php echo $row['city'] ?>,<?php echo $row['country']
            </td>
            <td>
                <h5 class="time-title p-0">Type</h5>
                <p>Location Verification</p>
            </td>
            <td class="text-right">
                <a href="verify-location.php?partner_id=<?php echo $row['partner_id'] ?>&verification_type=location" class="btn
            </td>
        </tr>
    </tr>
    <?php
    }
} else {
    ?>
    <div class="col-md-12 col-sm-12 col-lg-12">
        <div class="profile-widget">
            <center>
                
            </center>
        </div>
    </div>
</div>
<?php }

```



```

</php
session_start();
$partner_id = $_SESSION['partner_id'];

if (!isset($_SESSION["partner_id"])) {
    header( string: "location:logout.php");
}

require_once './server/Partner.php';
$result = "";
$updateError = "";

$server = new Partner();
$result = $server->partner_data();
$data = $server->appointments();

if (isset($_POST['accept'])) {
    $output = $server->accept_appointment($_POST);
}
if (isset($_POST['cancel'])) {
    $output = $server->cancel_appointment($_POST);
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0, user-scalable=0">
<?php include './parts/css-links.php'; ?>
<style>
    .content{
        font-family: 'Titillium Web', sans-serif;

```

Figure 71: Client's appointment by Doctor.

```

$result = "";
$updateError = "";

$server = new Partner();
$result = $server->partner_data();
$data = $server->appointments();

if (isset($_POST['accept'])) {
    $output = $server->accept_appointment($_POST);
}
if (isset($_POST['cancel'])) {
    $output = $server->cancel_appointment($_POST);
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0, user-scalable=0">
<?php include './parts/css-links.php'; ?>
<style>
    .content{
        font-family: 'Titillium Web', sans-serif;
    }
</style>
</head>
<body>
<div class="main-wrapper">
<?php
    while ($row = $result->fetch_assoc()) {

```

Figure 72: Client lab test appointment.

```

<!--topnav-->
<?php include './parts/top-nav.php'; ?>

<!--sidenav-->
<?php include './parts/side-nav.php'; ?>

<div class="page-wrapper">
  <div class="content">
    <div class="row">
      <div class="col-sm-8">
        <h4 class="page-title"><u>Add Drug</u> <span
          class="text-success"><?php echo $output; ?></span></h4>
      </div>
      <div class="col-sm-4">
        <a href="drug-repo.php" class="btn btn-primary btn-rounded float-right">
          <i class="fa fa-cubes"></i> Repository
        </a>
      </div>
    </div>
    <form method="POST" action="" enctype="multipart/form-data">
      <div class="card-box">
        <div class="row">
          <div class="col-lg-8 offset-lg-2">
            <form method="POST" action="">
              <input type="hidden" name="institute_name" value="<?= $institute_name ?>">
              <div class="row">
                <div class="col-sm-6">
                  <div class="form-group">
                    <label>Drug Name <span class="text-danger">*</span></label>
                    <input class="form-control" type="text" name="drug_name"
                      placeholder="Enter Drug Name" required>

```

Figure 73: Drug add by pharmacy department.

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[Accessed 12 May 2020].

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